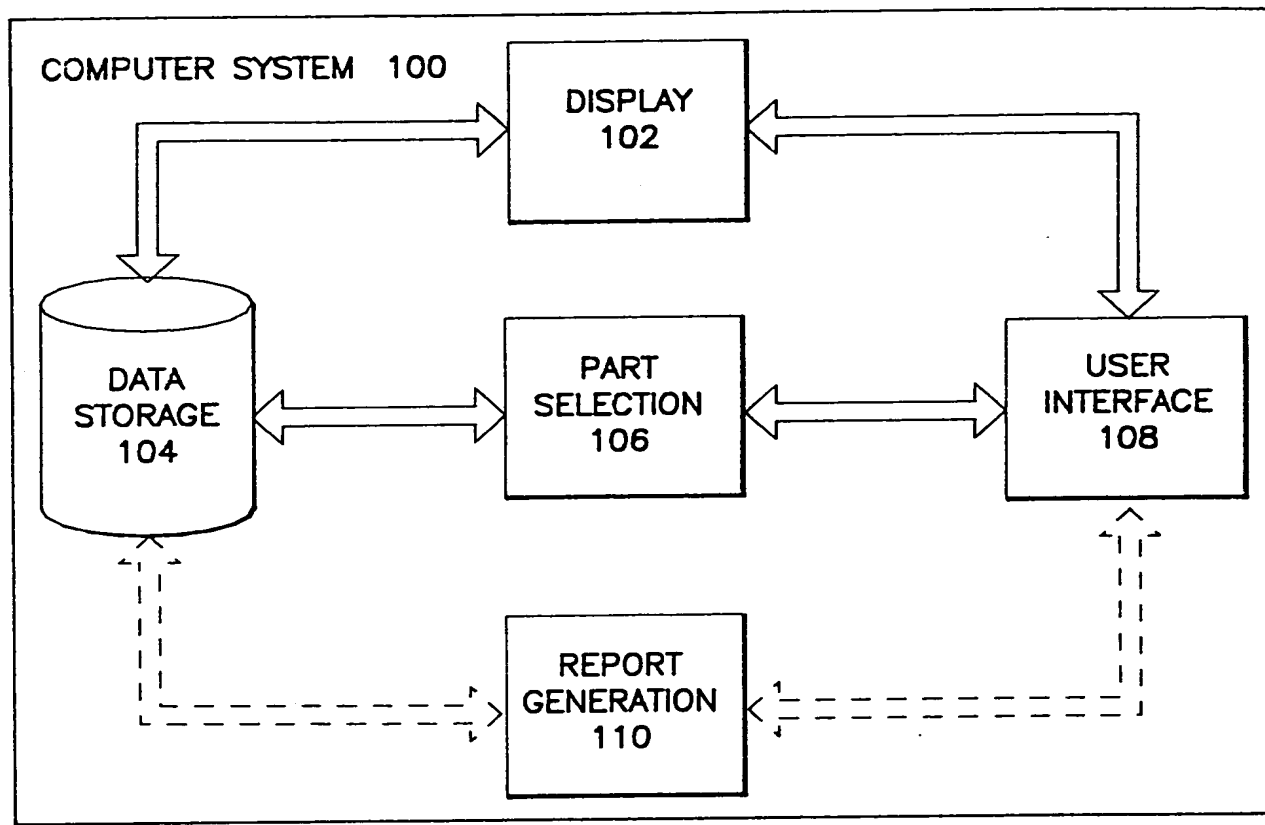


FIG. 1



APPROVED	BY	395	CLASS	395	SUBCLASS	161
O.G. FIG. 1						

NATURAL ORDER		
PART #		
BCI		
COLD CRANKING AMPS		
RESERVE CAP.		
VOLTAGE		
LENGTH		
WIDTH		
HEIGHT		
WARRANTY		
PRICE		

FIG. 6

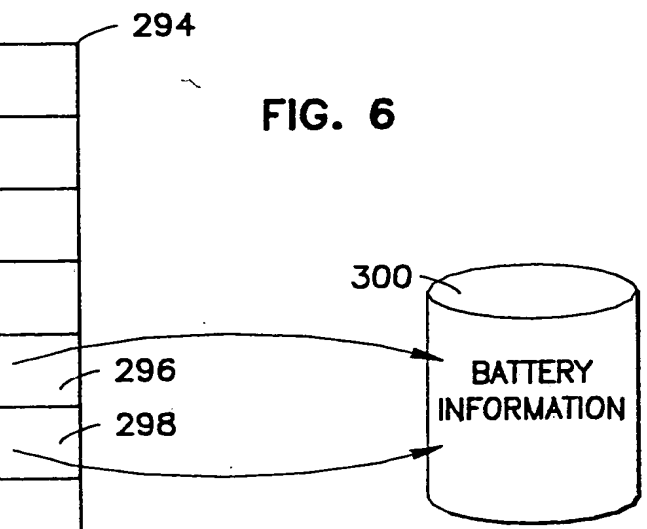


FIG. 1A

104

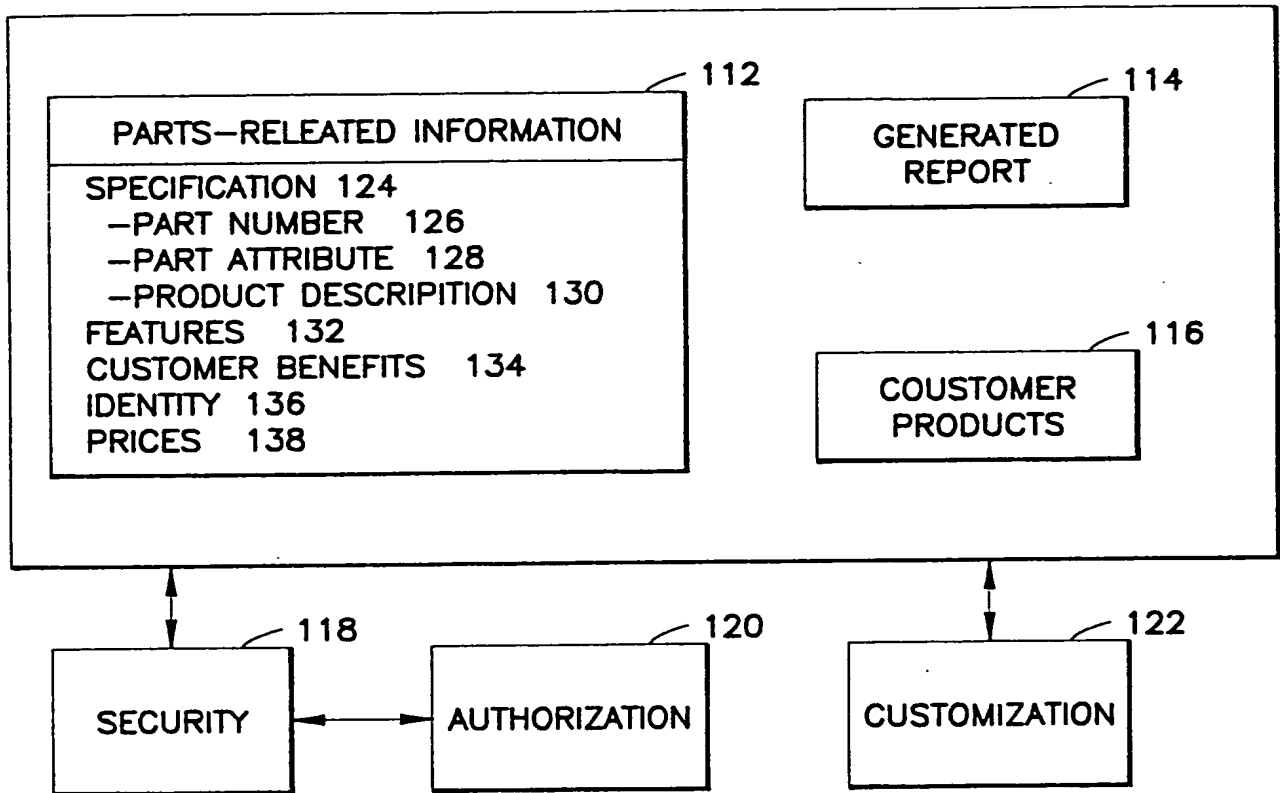


FIG. 1B

106

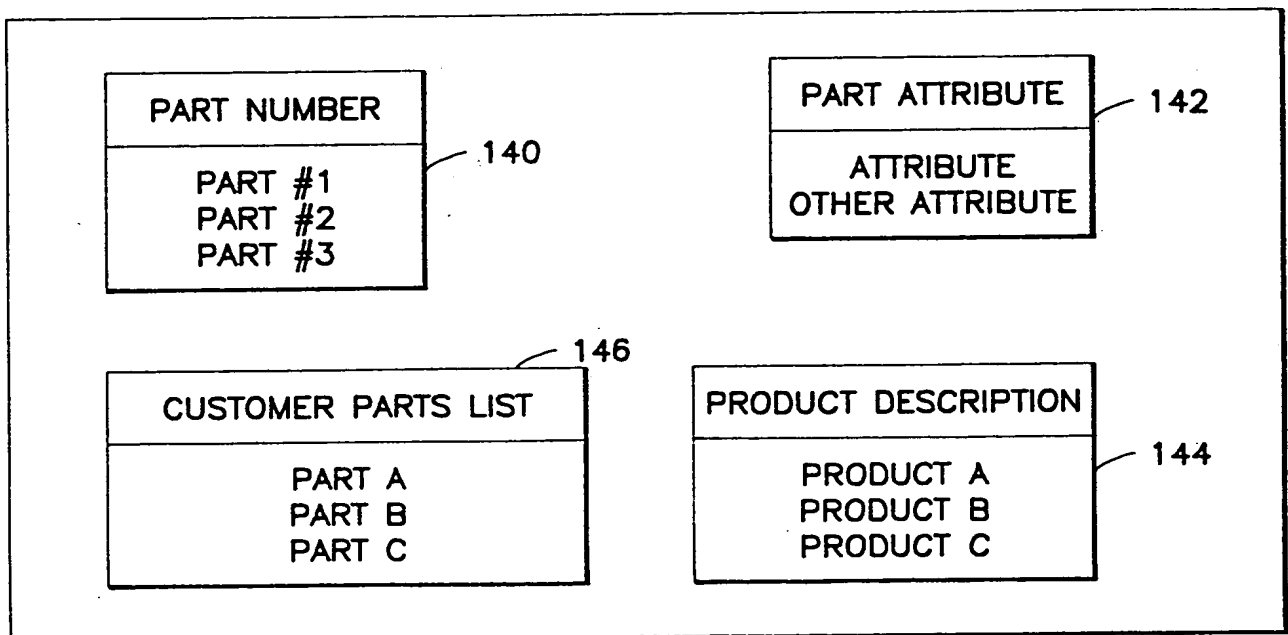


FIG. 1C

108
↓

SEQUENTIAL DISPLAY GENERATION ——— 148	
– COLOR SEQUENCE GENERATION ———	150
– CUSTOMIZED TEXT DISPLAY GENERATION ———	152
– CUSTOMIZED SEQUENCE GENERATION ———	154
ANIMATED DEMONSTRATION GENERATION ———	156

FIG. 1D

110
↓

DEALER PERSONALIZATION ———	157
CUSTOMER PERSONALIZATION ———	158
RETRIEVE STORED REPORT ———	160
UPDATE REPORT ———	162
PRINTED GRAPHICS GENERATION ———	164
PRINTED COLOR GENERATION ———	166

APPROVED BY	O.G. FIG.	
	CLASS	SUBCLASS
GRAPHICSMAN		

FIG. 2

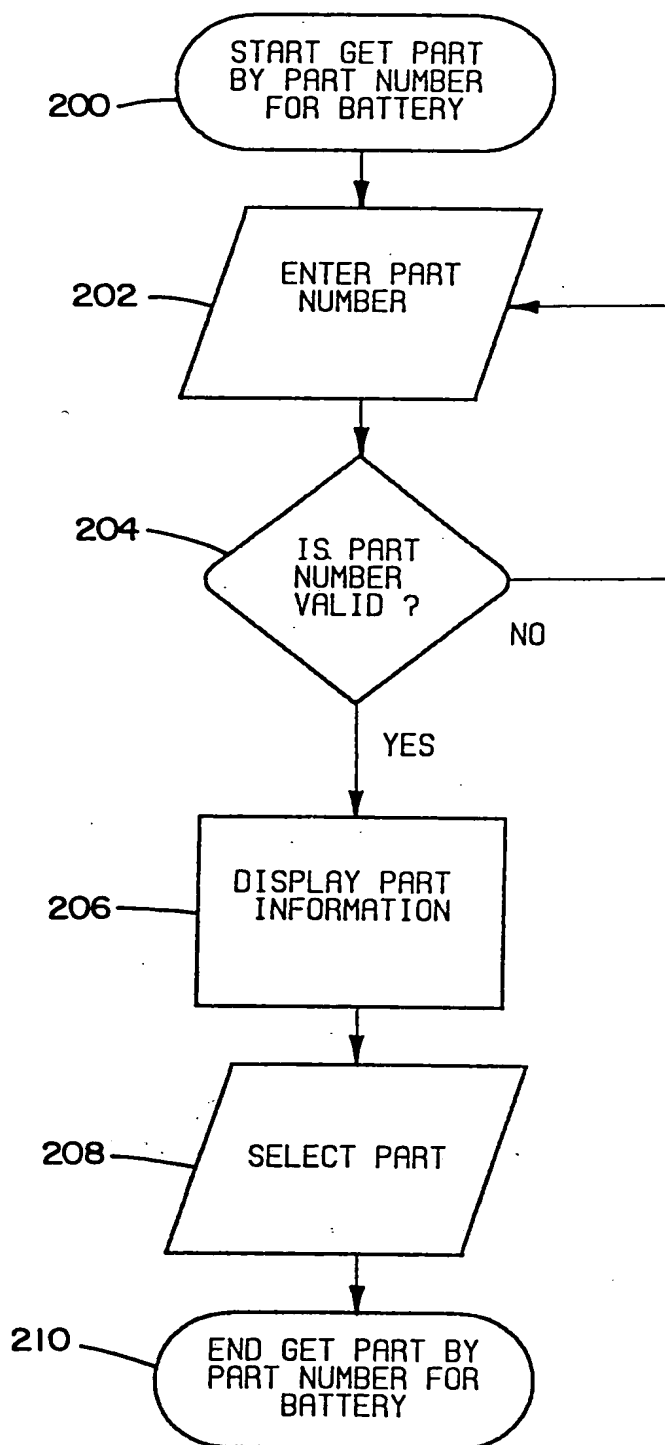
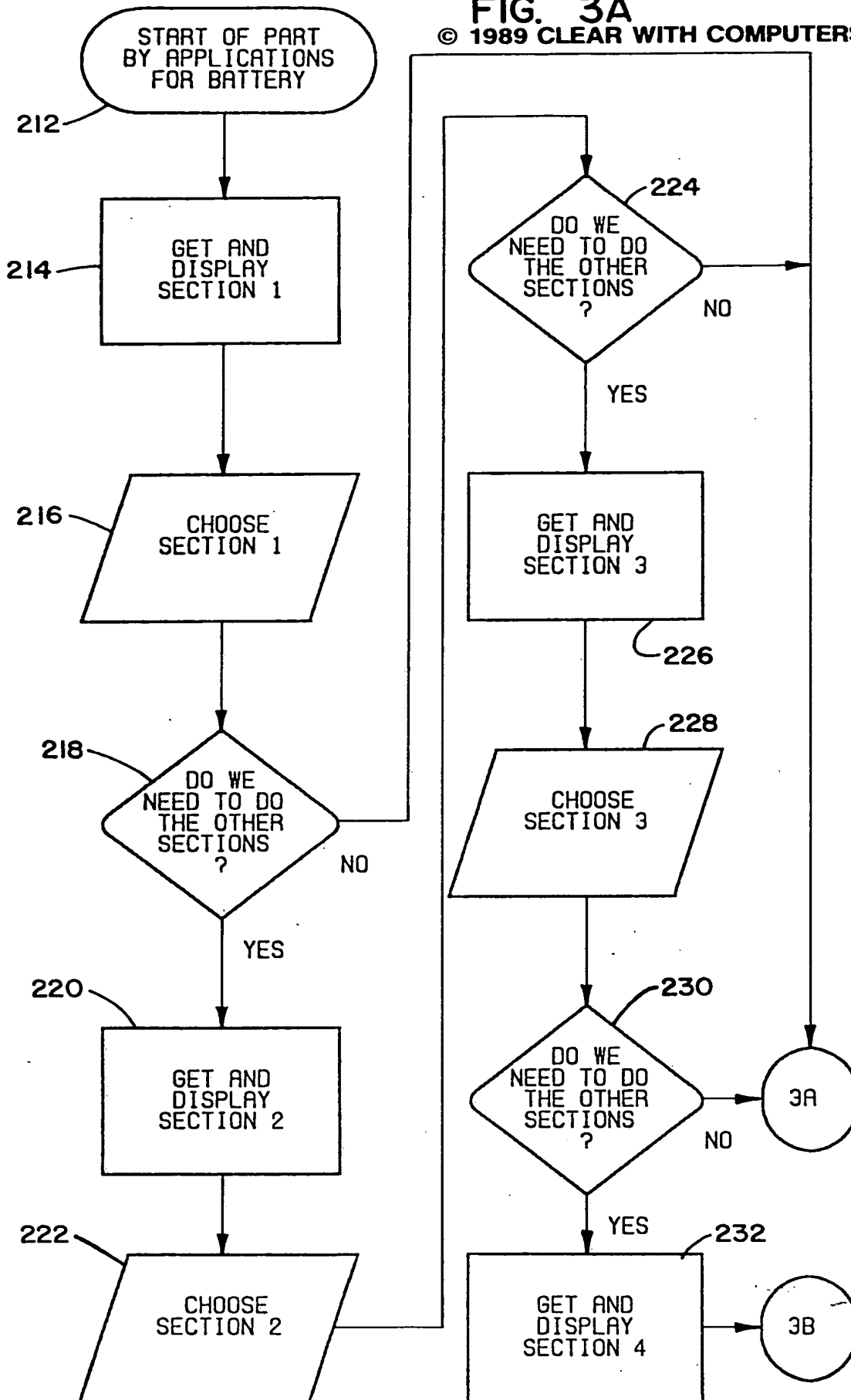


FIG. 3A
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O.C. FIG.		SUBCLASS	
CLASS			
APPROVED BY	23AF (SHAR)		

FIG. 3B

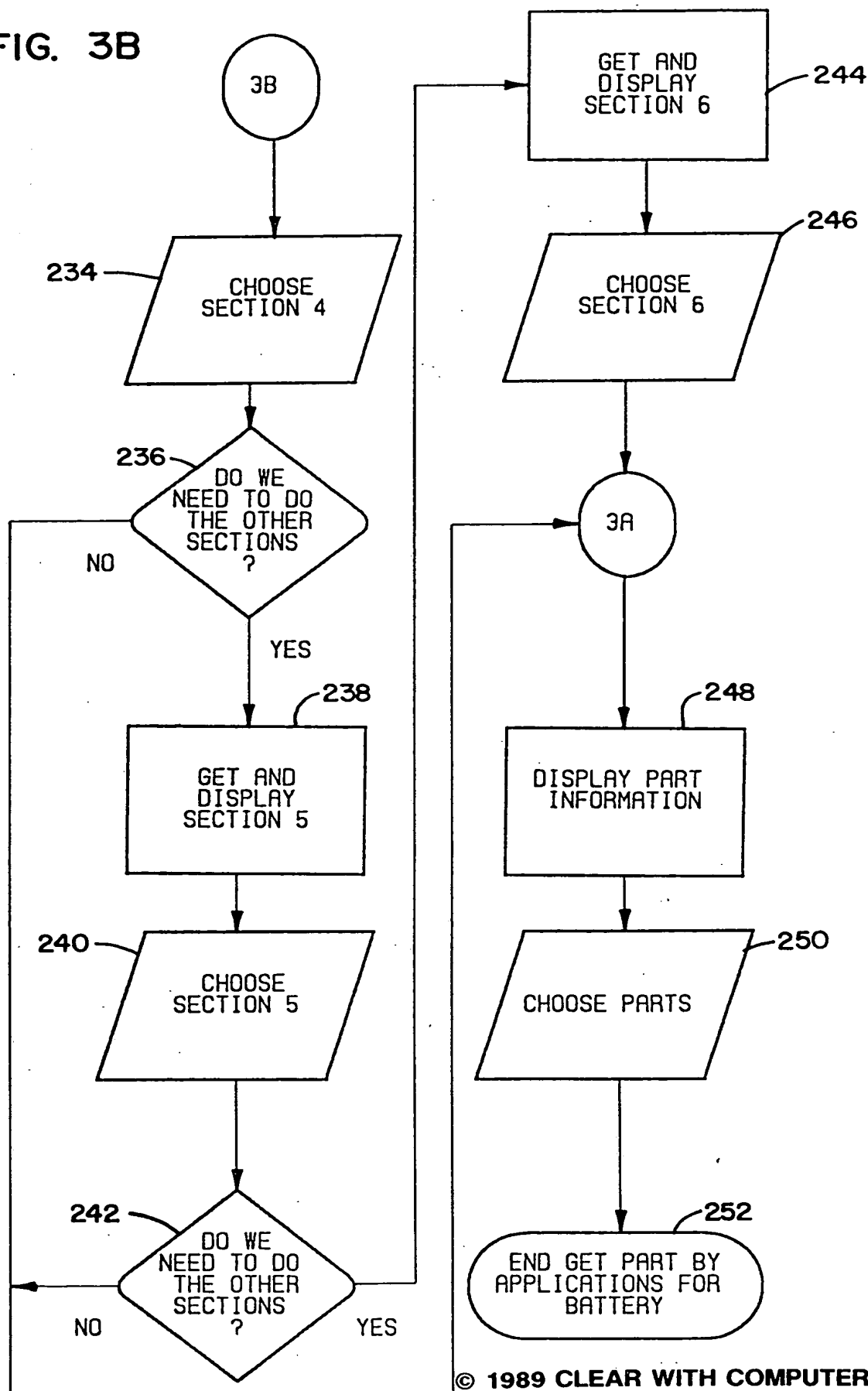
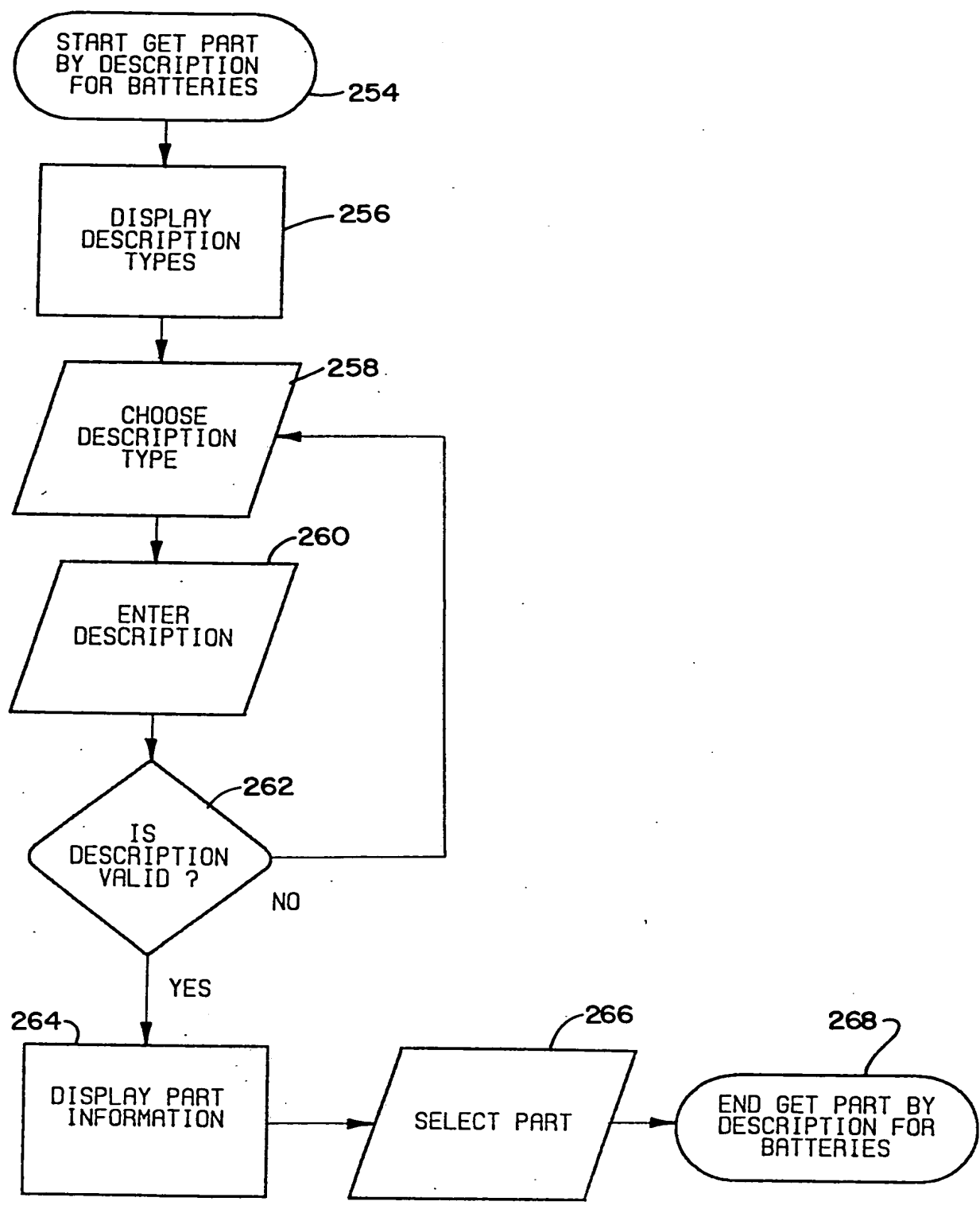


FIG. 4

O.C. FIG.		SUBCLASS	
APPROVED BY		CLASS	
		DATE (MM/YY)	



APPROVED		O. G. FIG.	
BY		CLASS	SURCLASS
T. RAFTSMAN			

FIG. 5

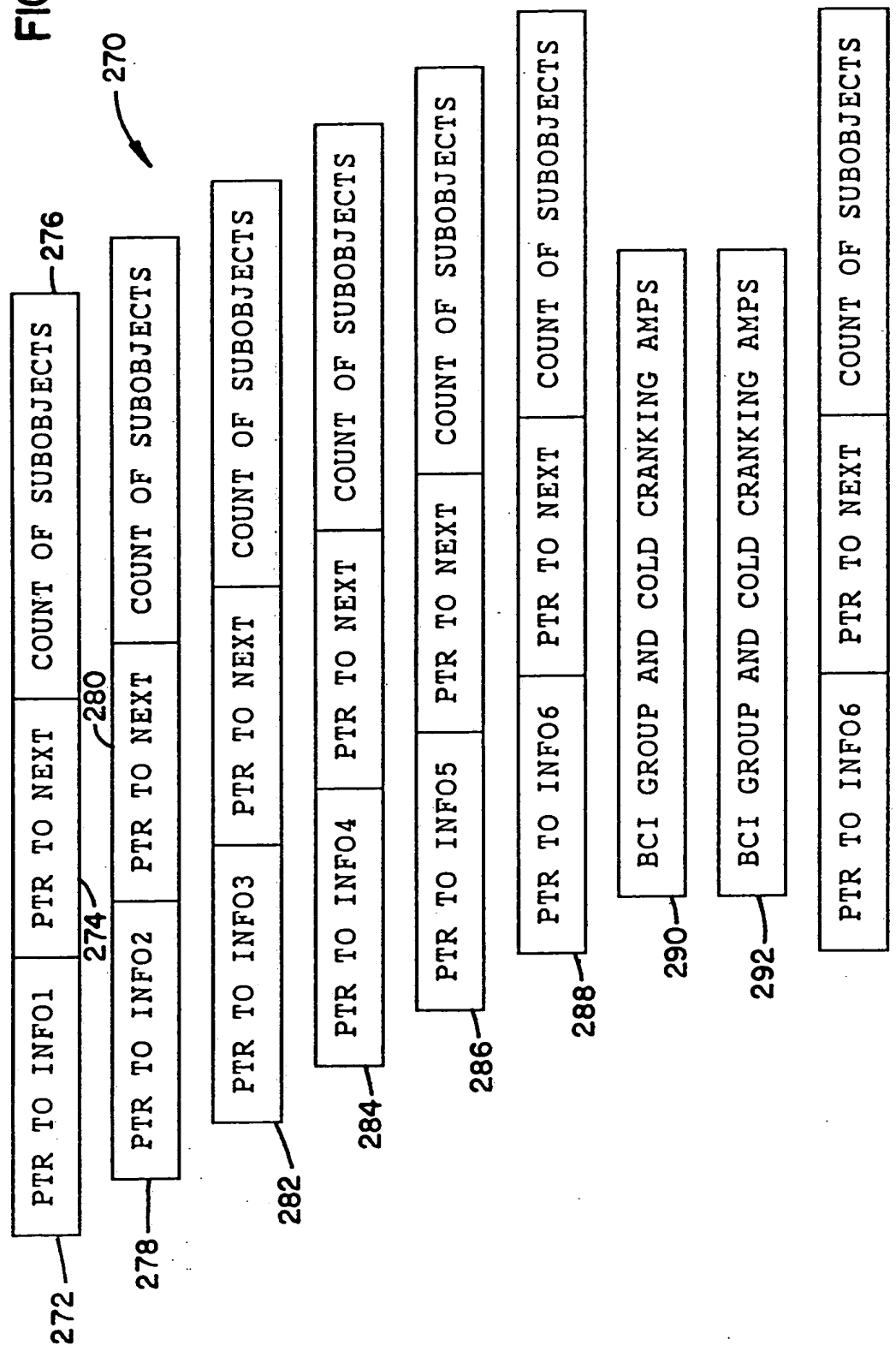


FIG. 7

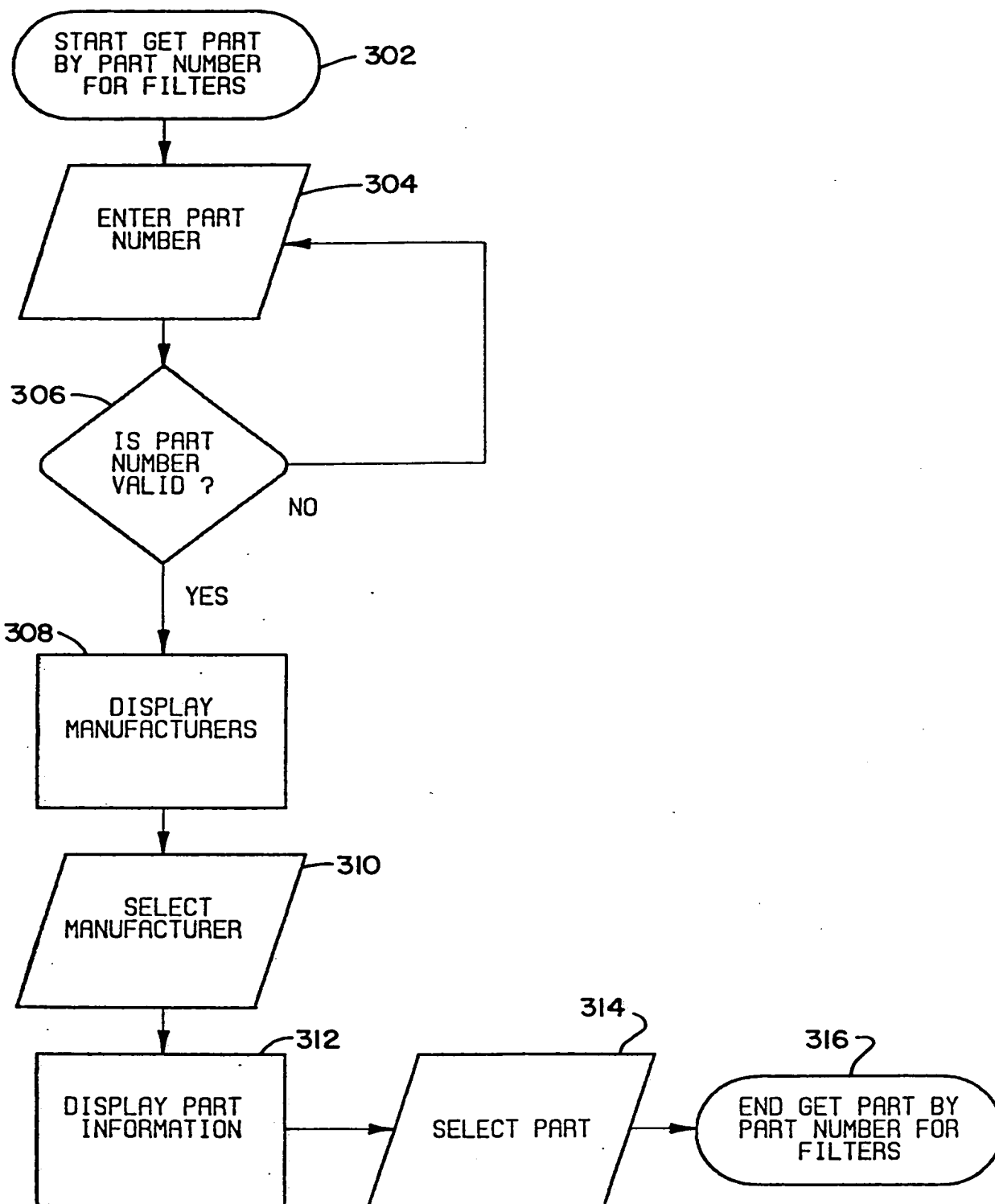
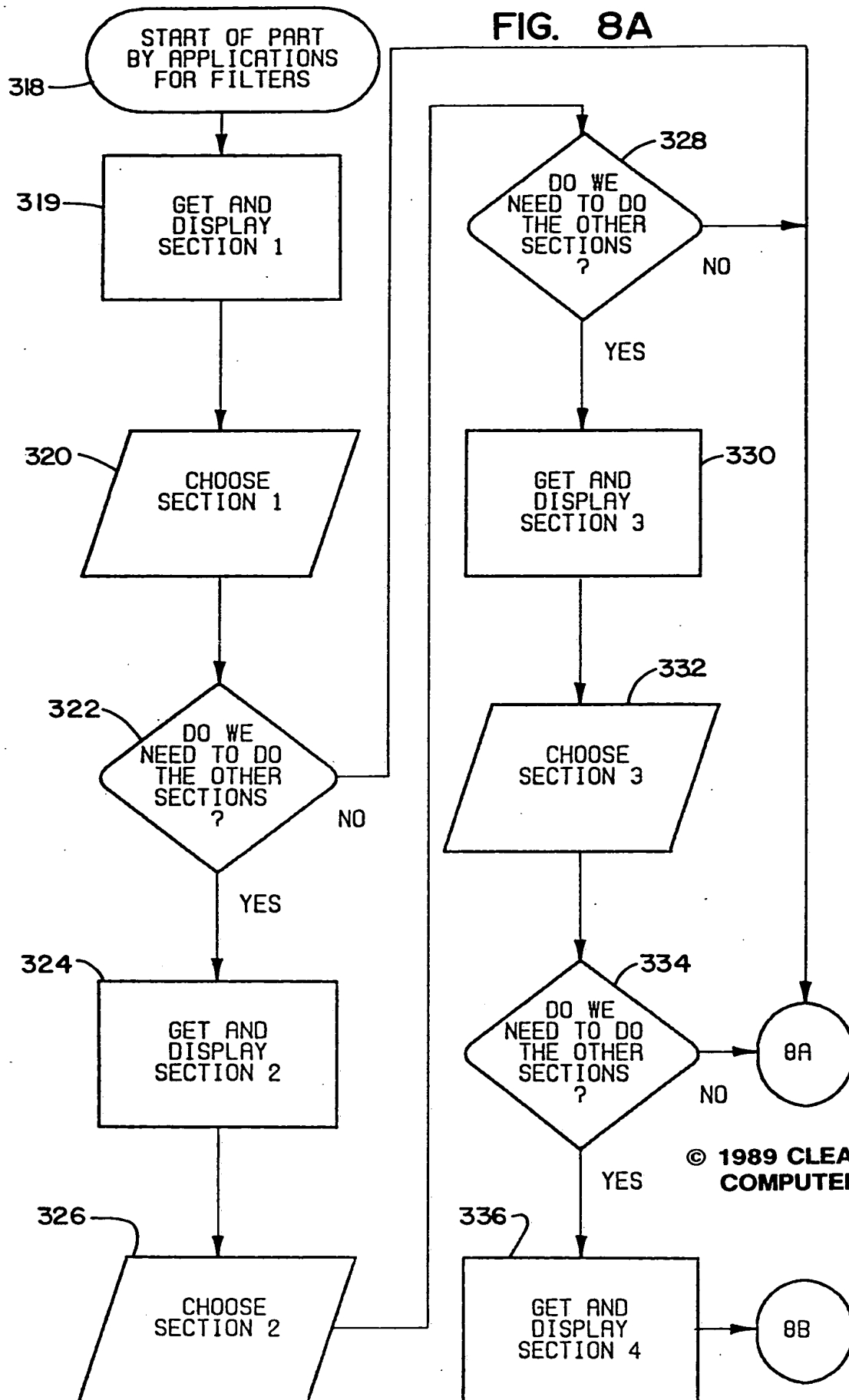
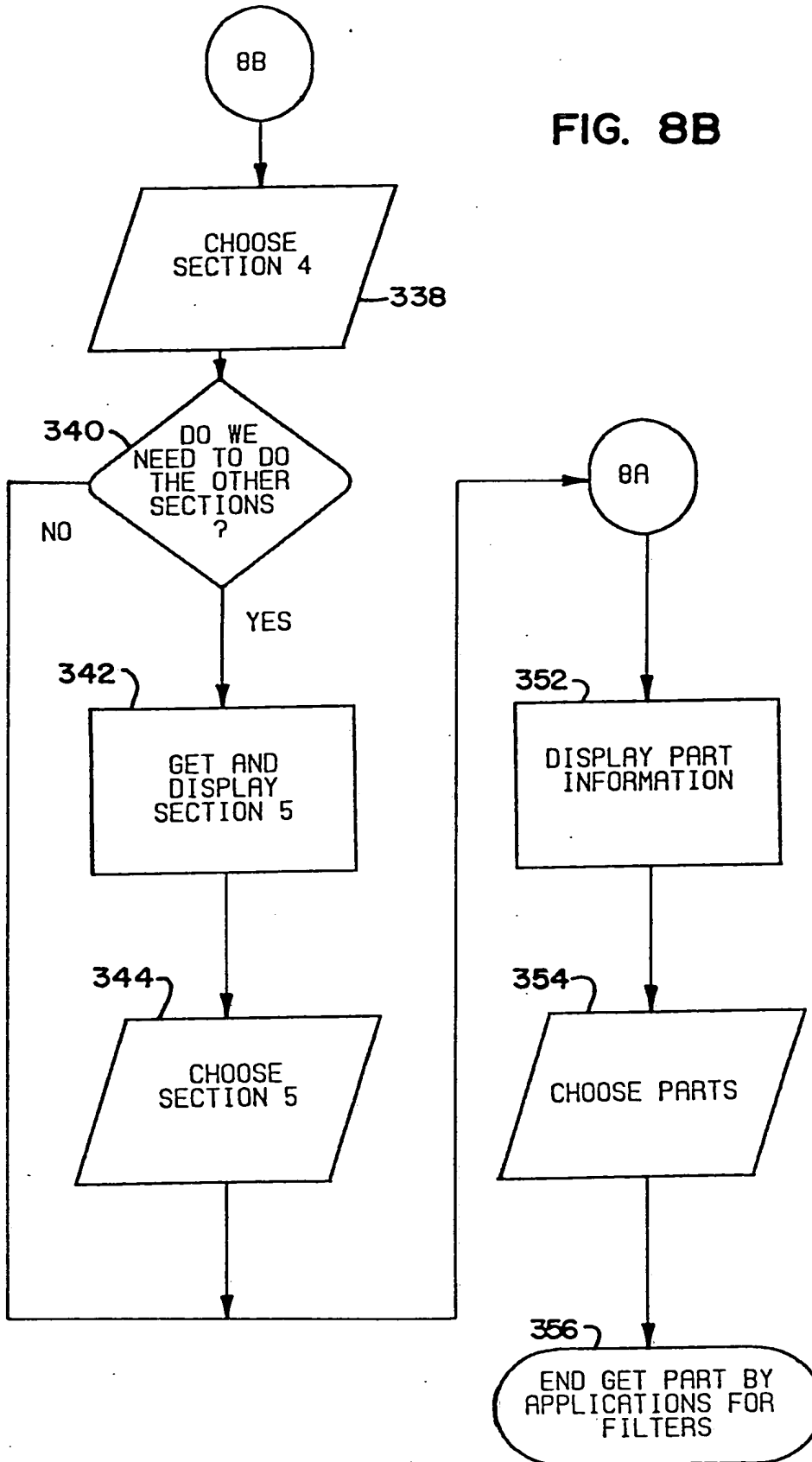


FIG. 8A

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COMPUTERS, INC.

O. G. FIG.	SUBCLASS
CLASS	
APPROVED BY	DATE / SIGNATURE

FIG. 8B



APPROVED		O.G. FIG.	
BY		CLASS	SUBCLASS
DRAF (SHAN)			

FIG. 9

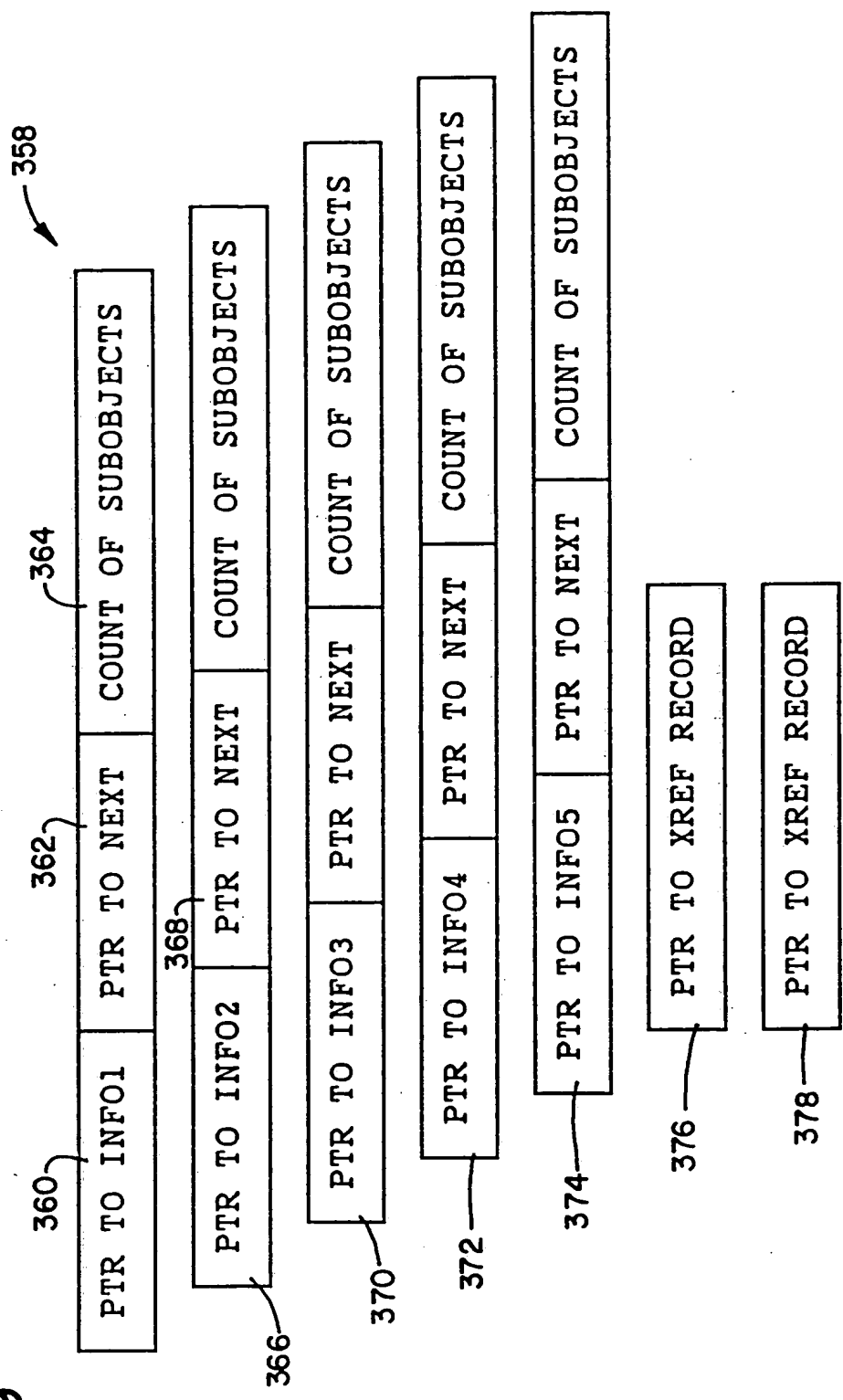


FIG. 10

APPROVED	O.G. FIG.	
	CLASS	SUBCLASS
BY	DATE	
SALESMAN		

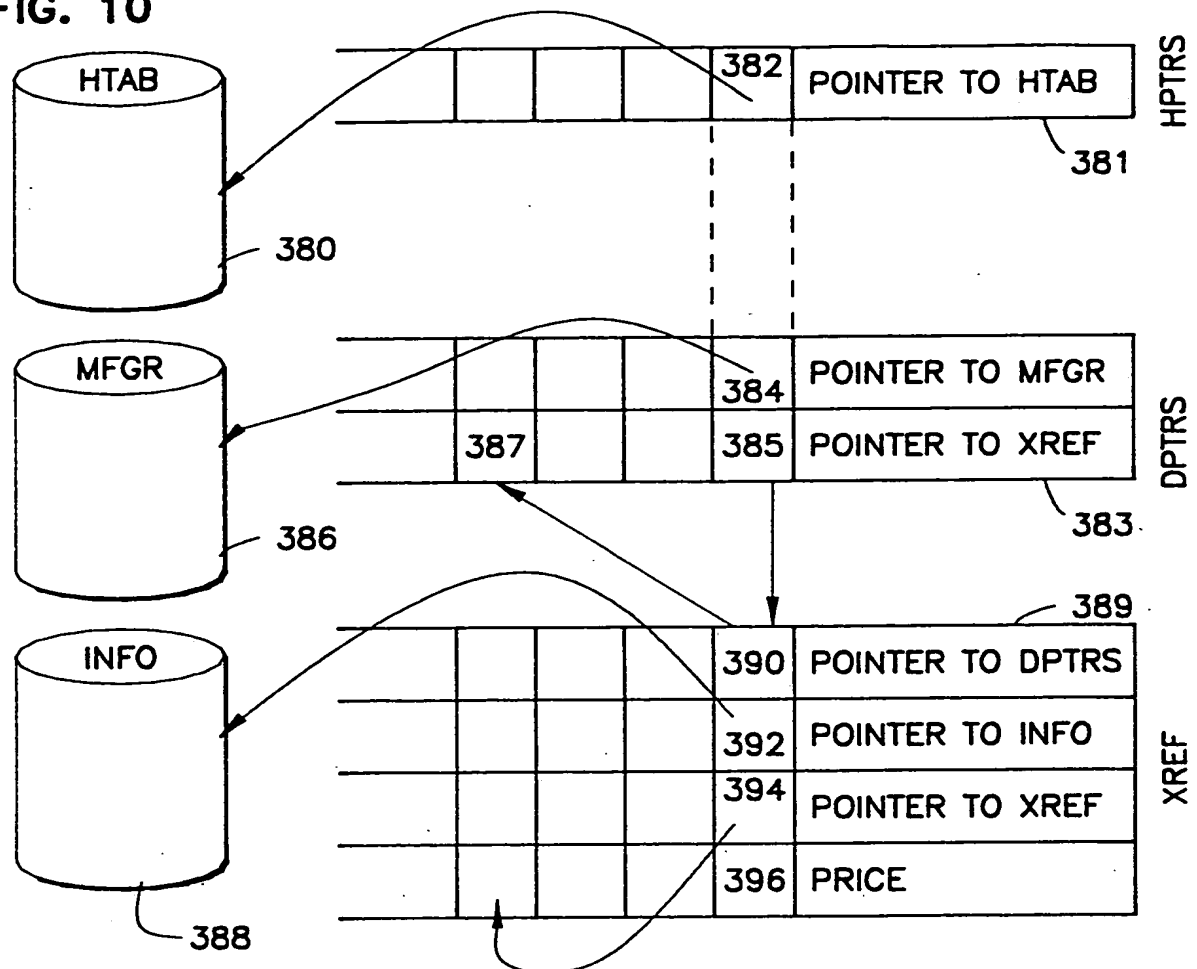


FIG. 14

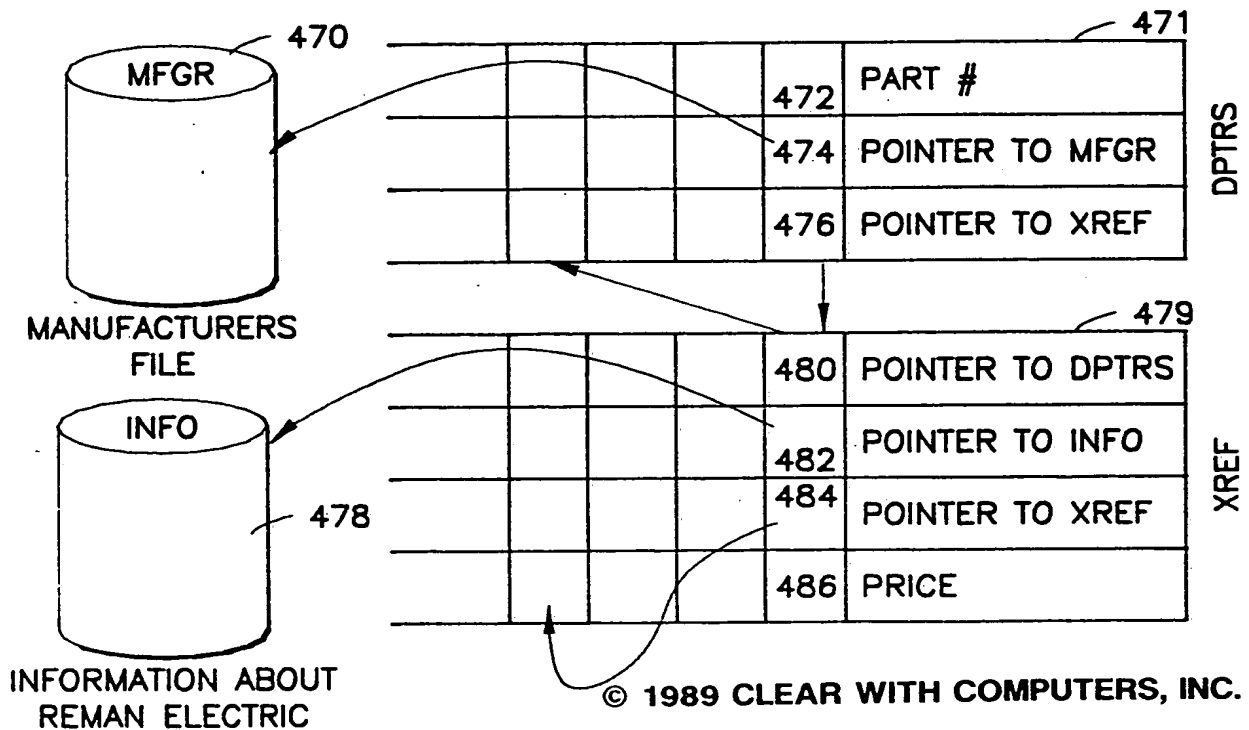


FIG. 11

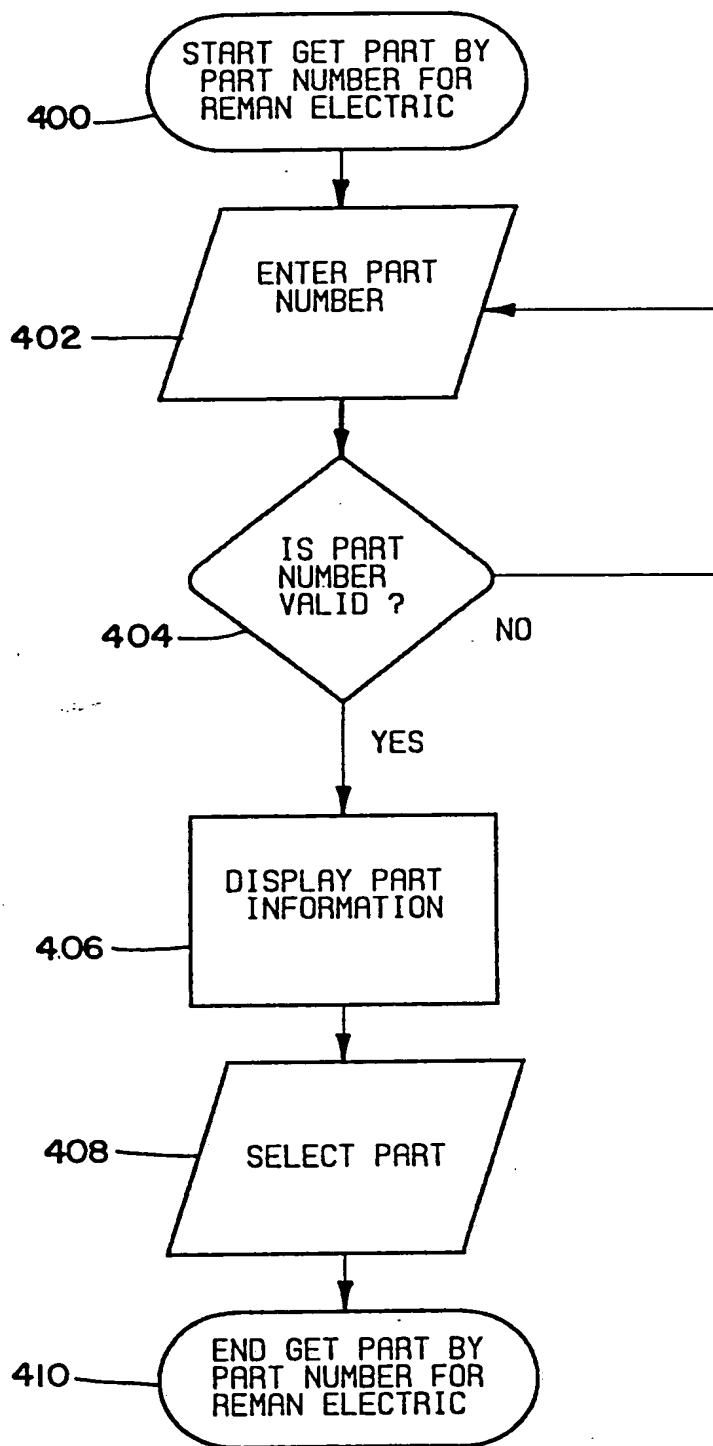
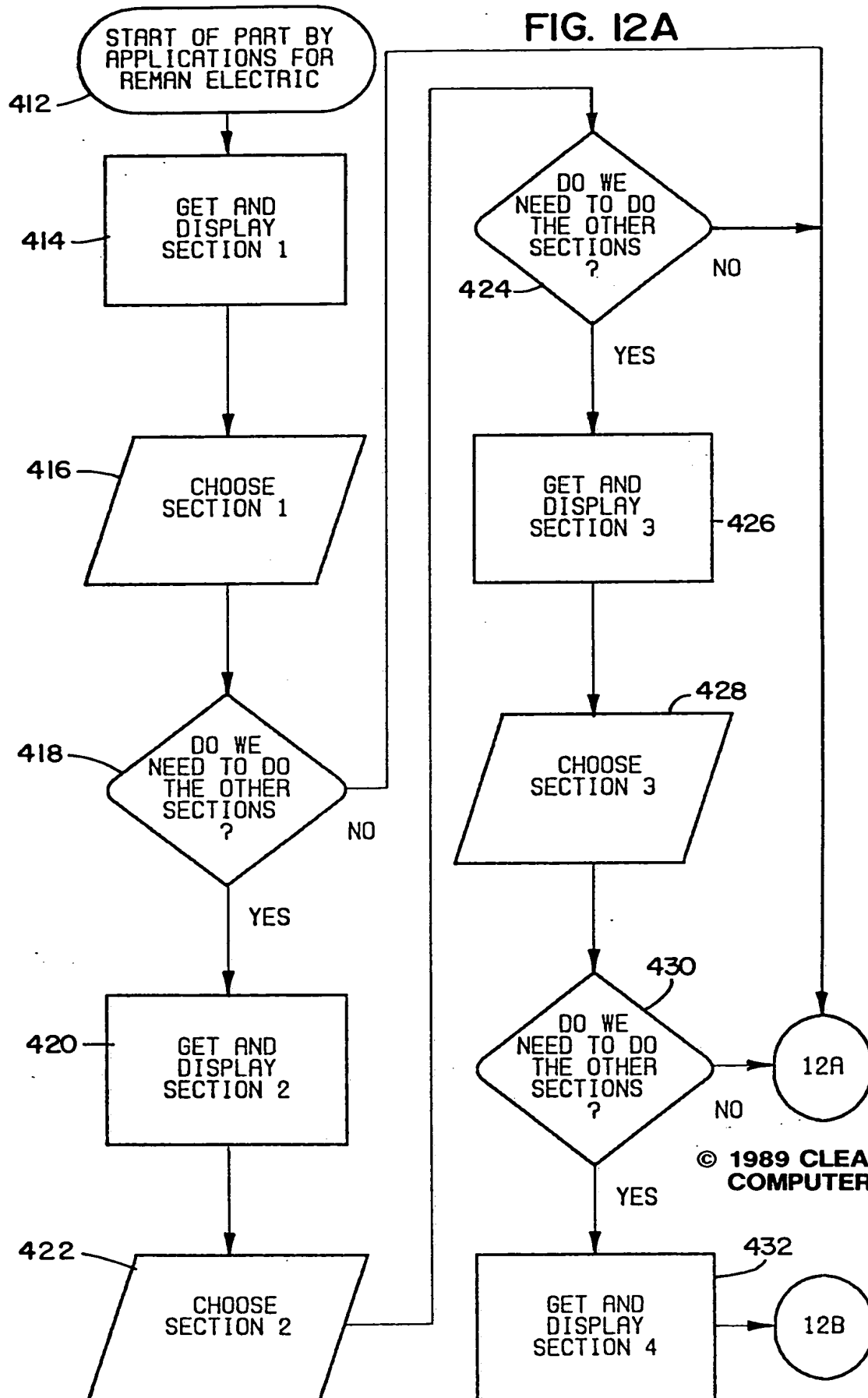


FIG. 12A



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O. G. FIG.	SUBCLASS
CLASS	
APPROVED BY	DATE/TIME

FIG. 12B

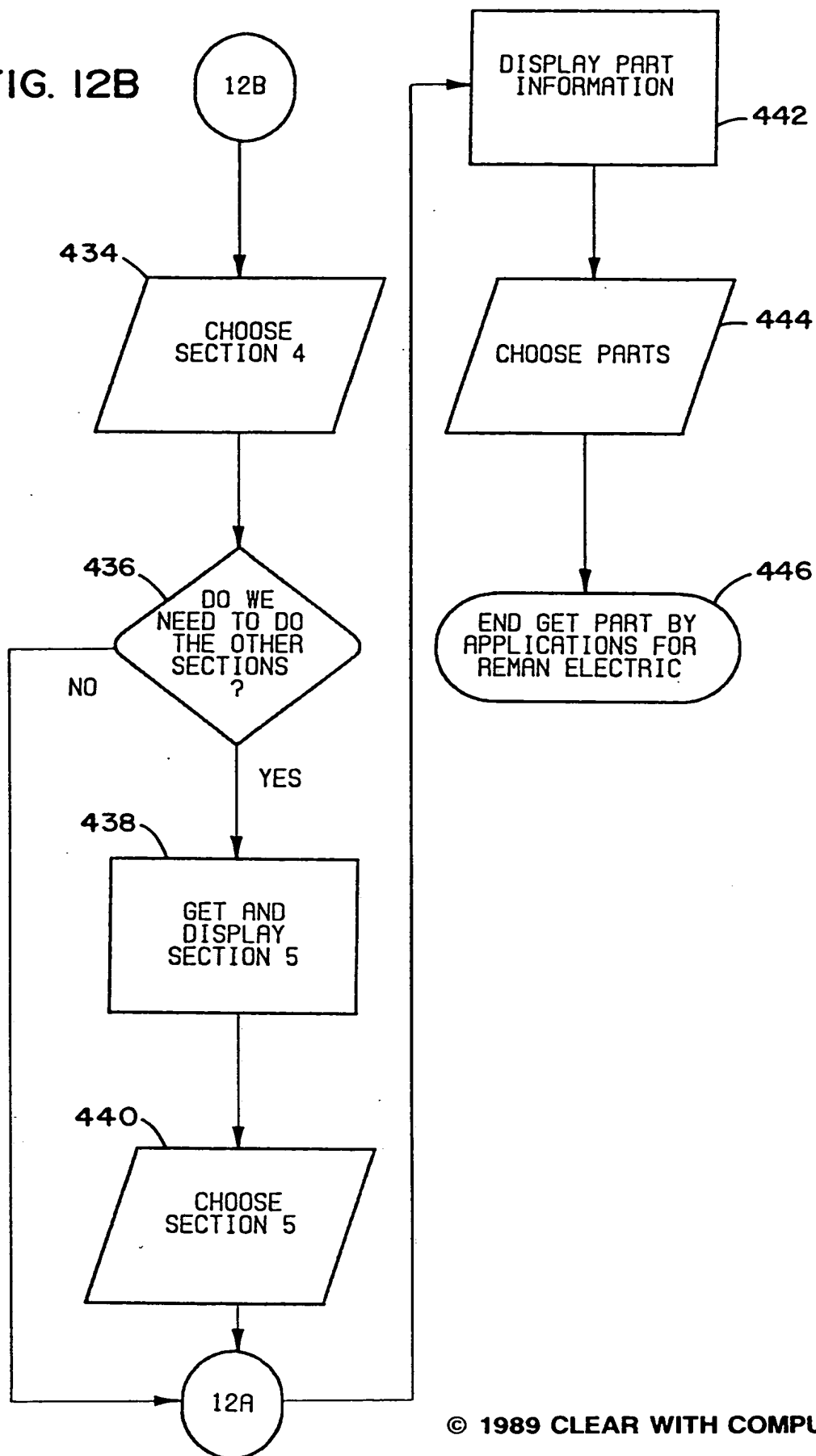
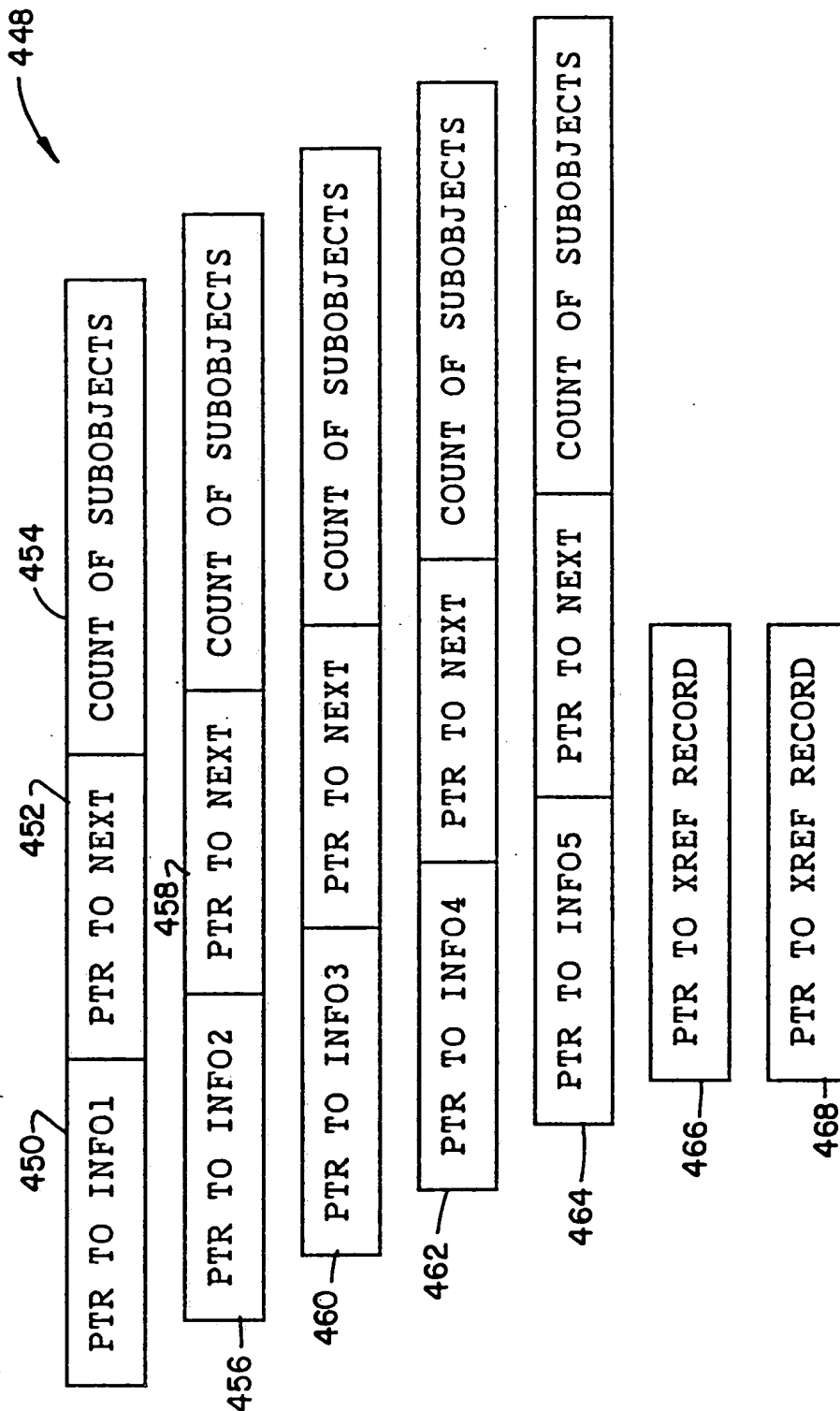
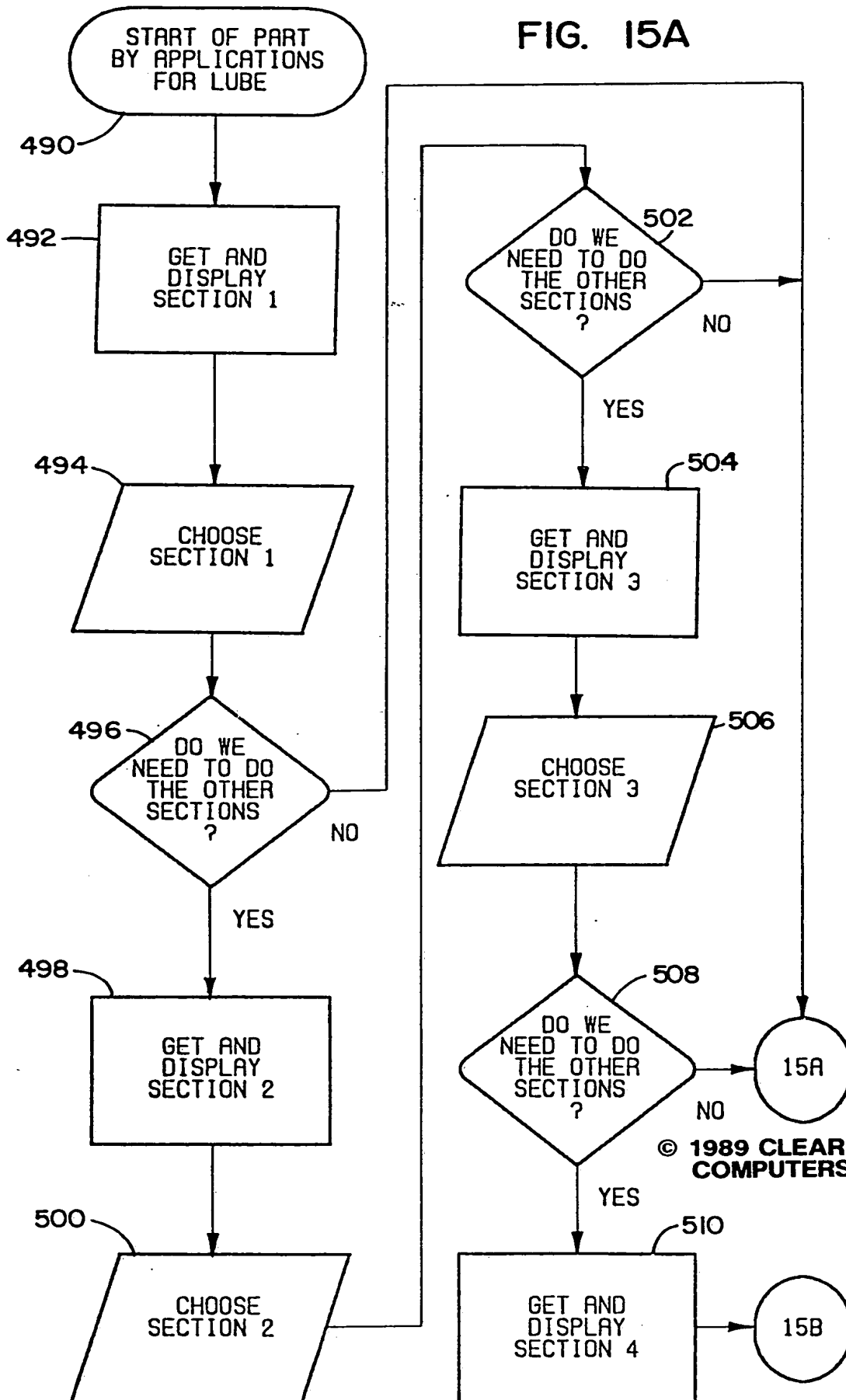


FIG. 13



APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DATE (MM/YY)		

FIG. 15A



O.G. FIG.	SUBCLASS
CLASS	
APPROVED BY	DRAF TSMAN

O.G. FIG.	SUBCLASS	
	CLASS	
APPROVED BY	[UNRA TSMAN]	

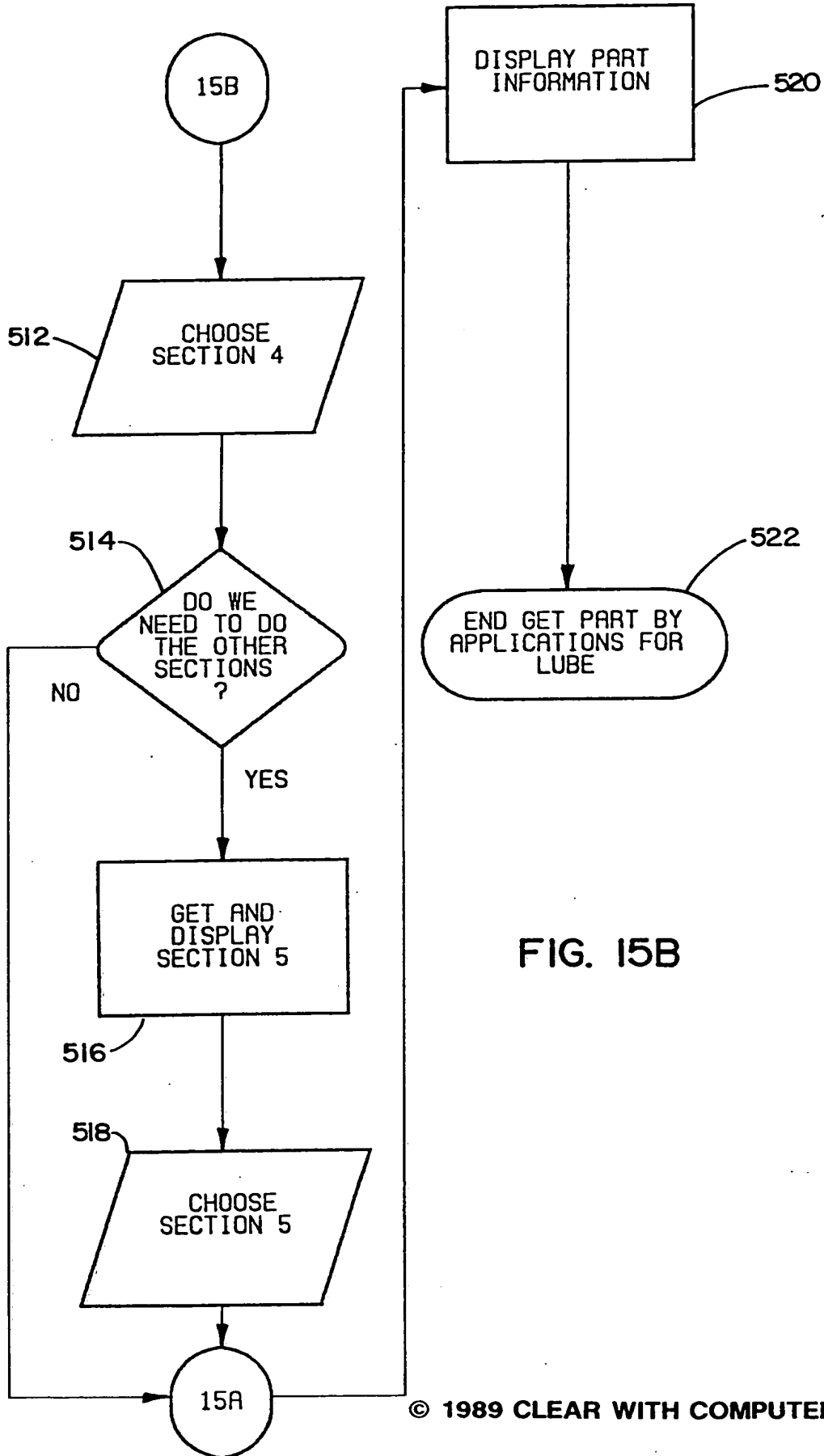


FIG. 15B

FIG. 16

O.G. FIG.	SUBCLASS	
	CLASS	
APPROVED BY	DRAF TSMAN	

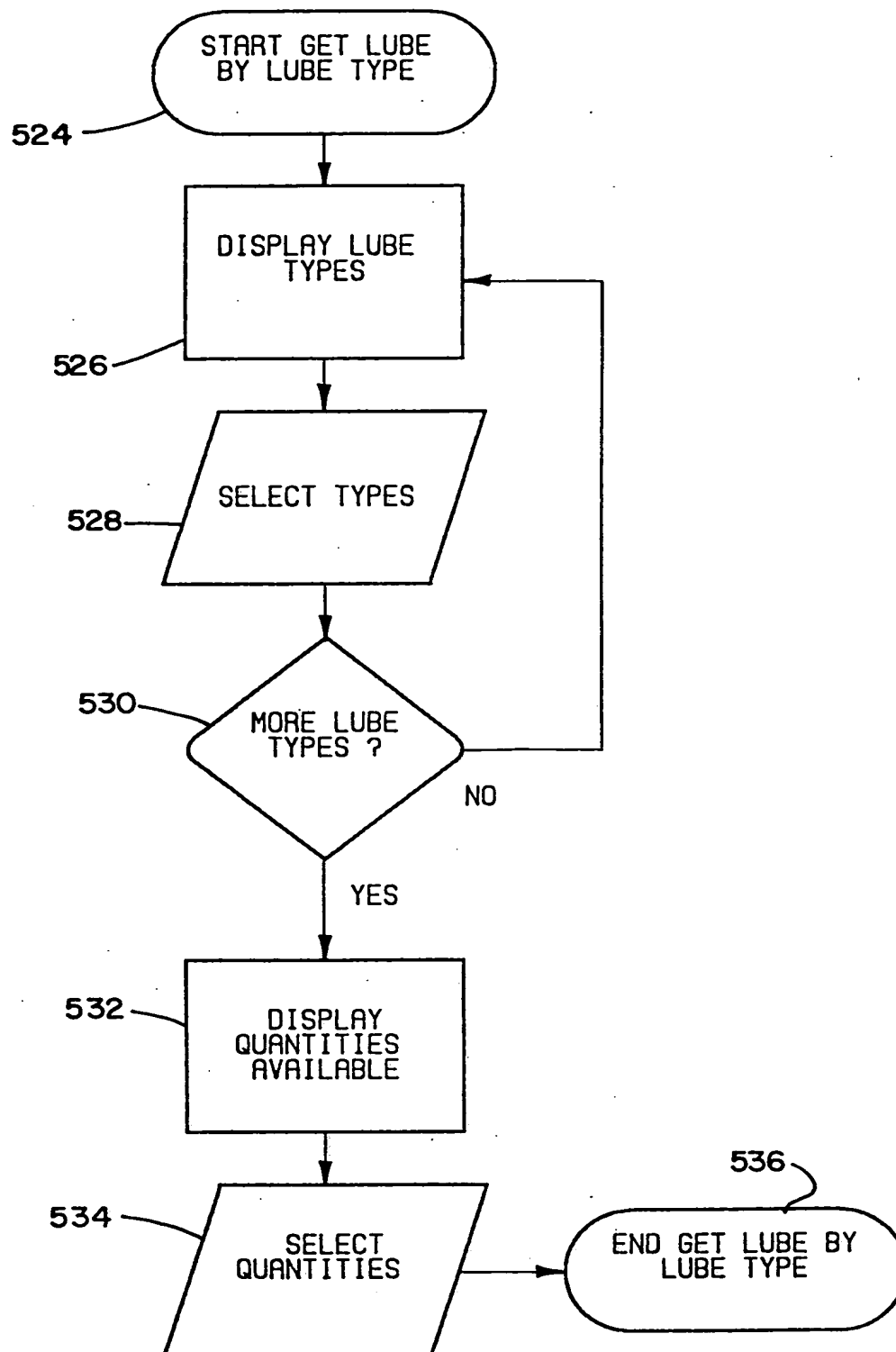


FIG. 17

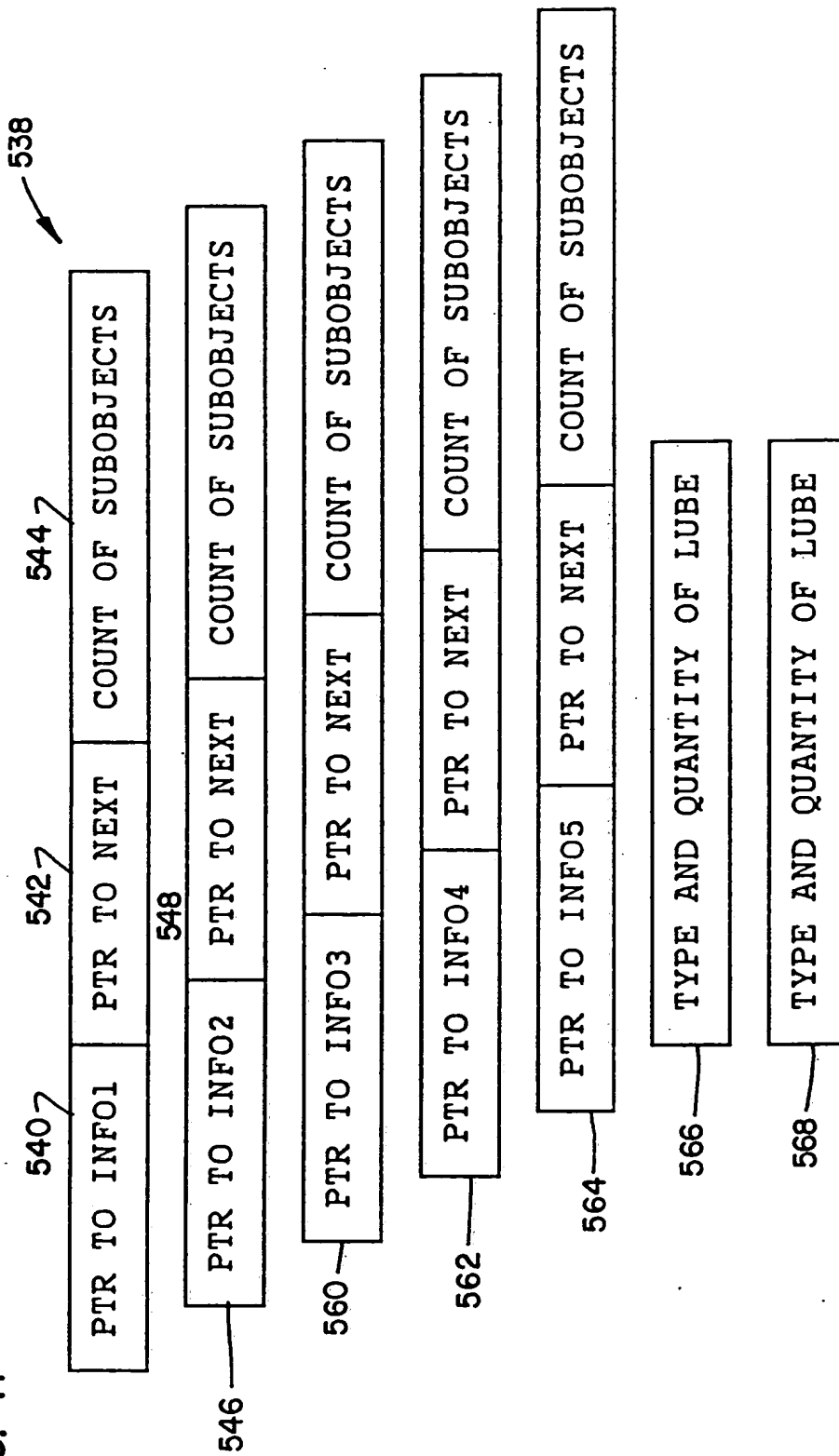
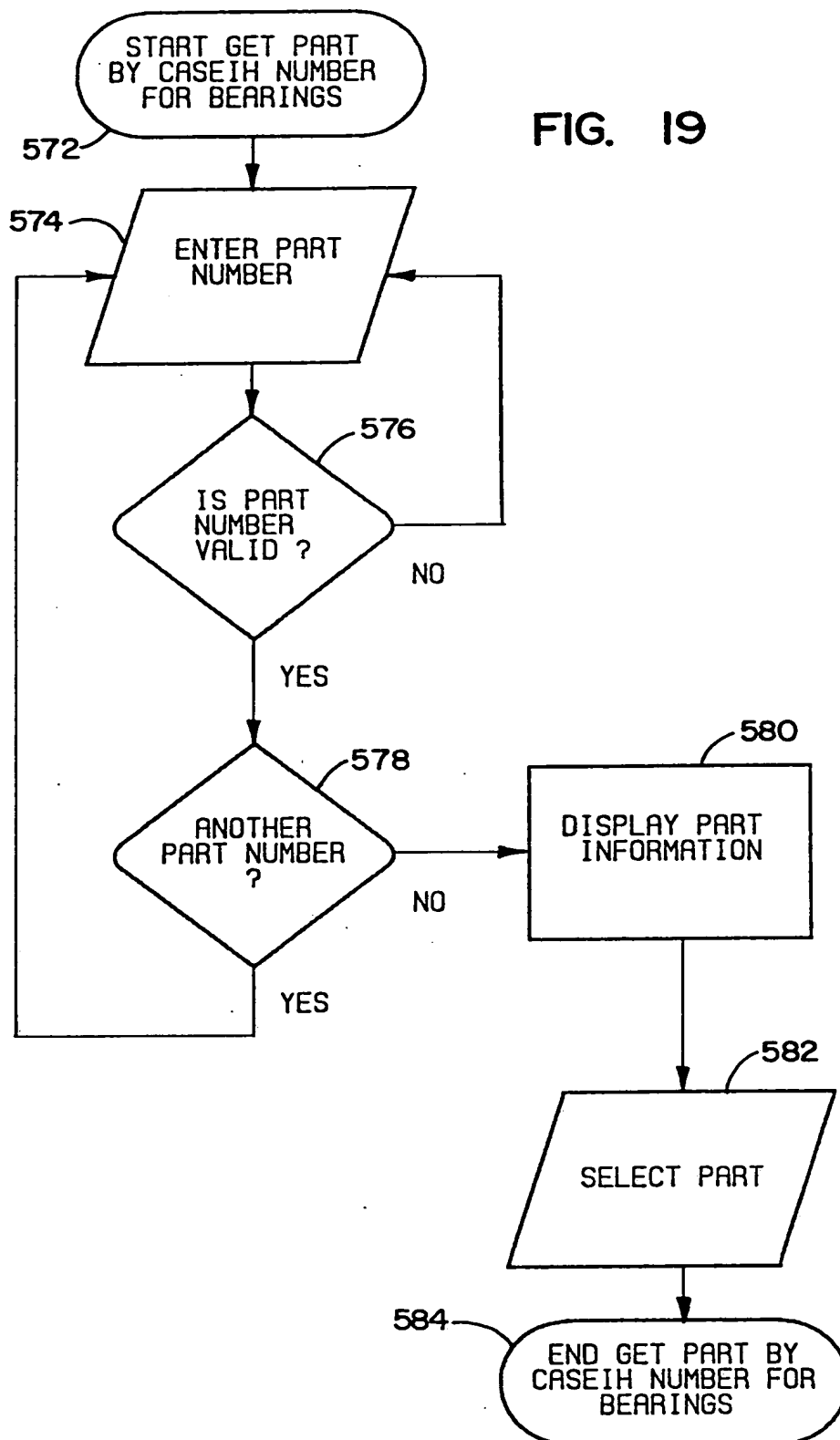
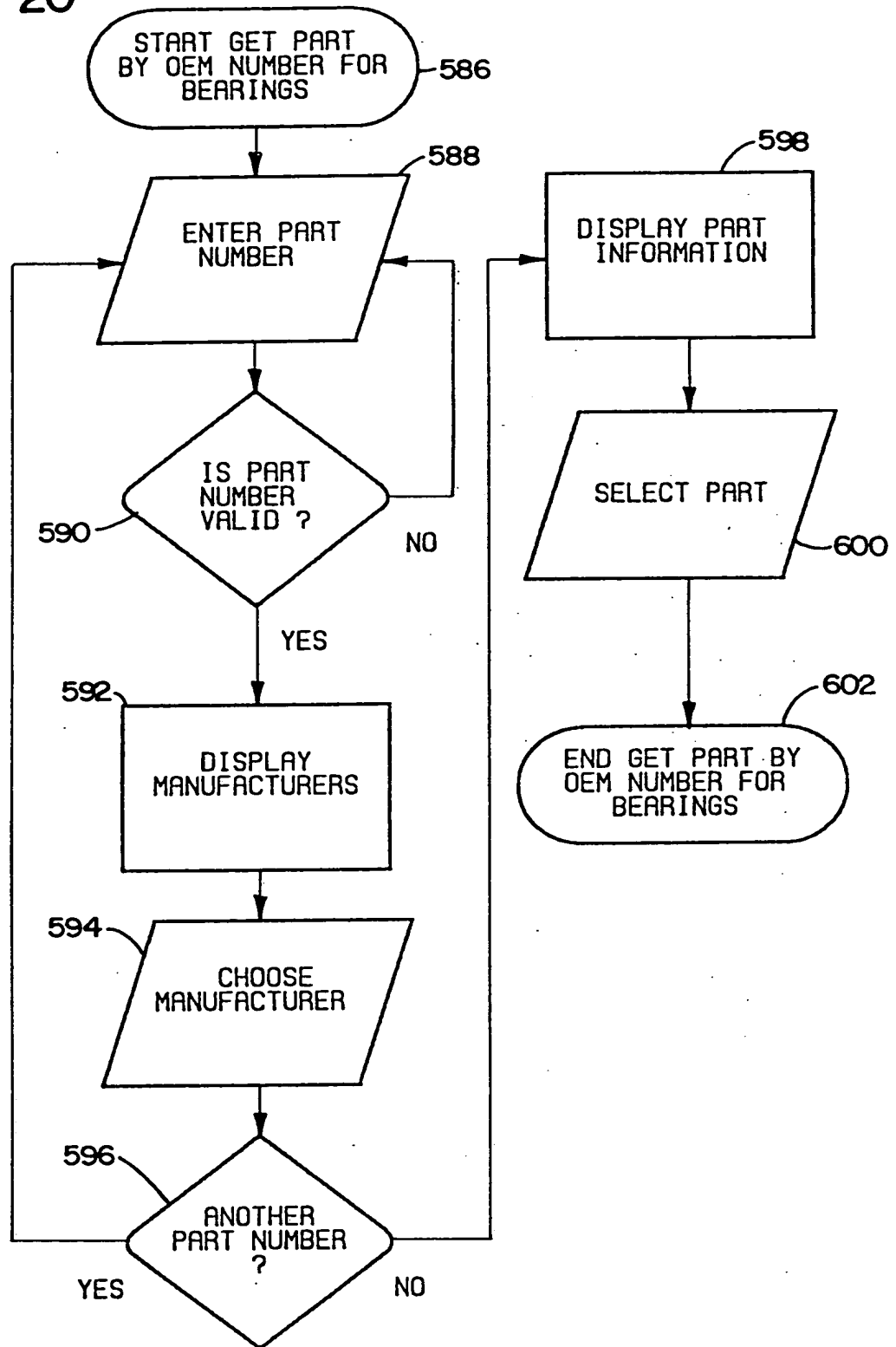


FIG. 19



O. G. FIG.		SUBCLASS	
CLASS			
APPROVED	BY	CRAFTSMAN	

FIG. 20



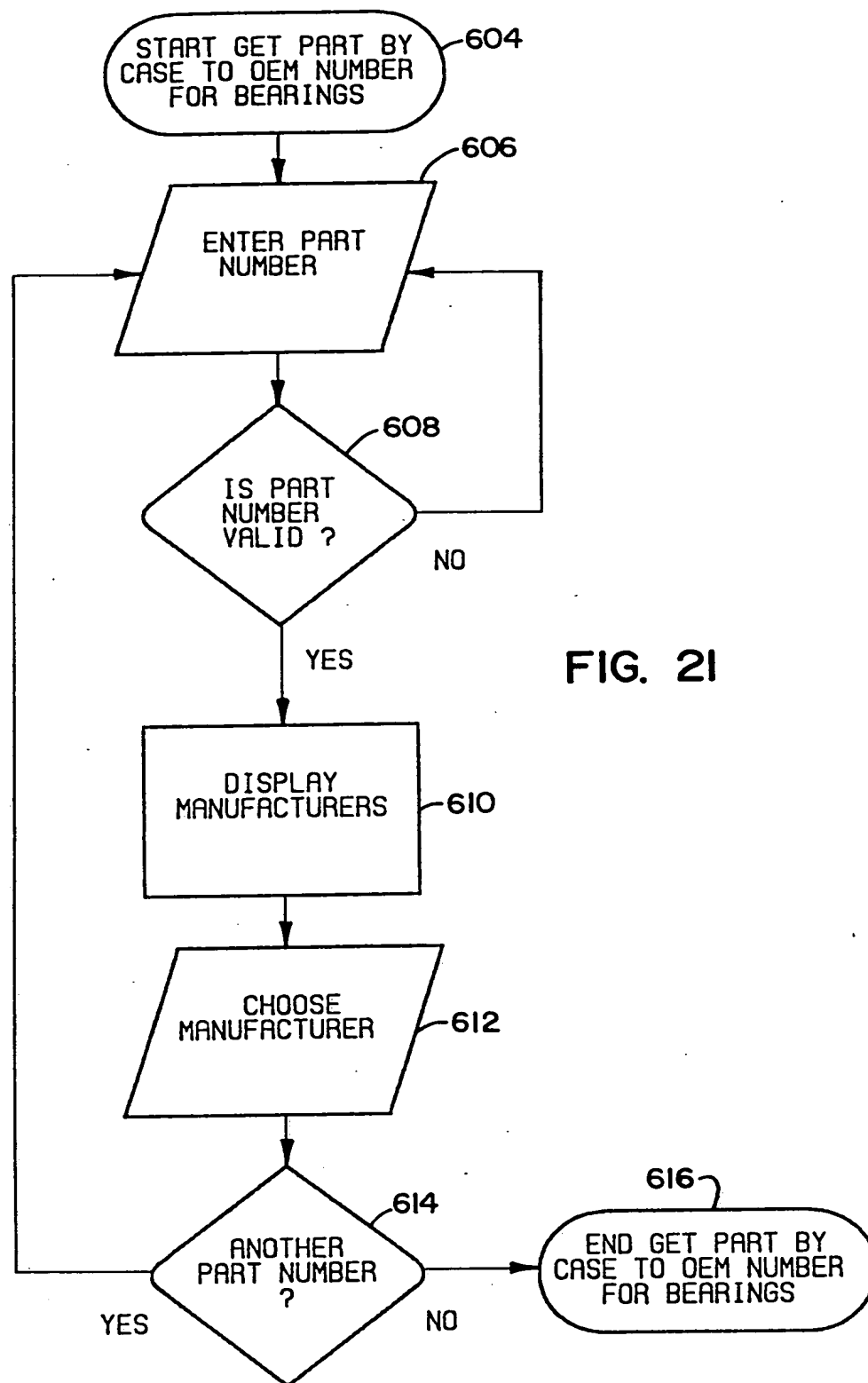


FIG. 21

FIG. 22

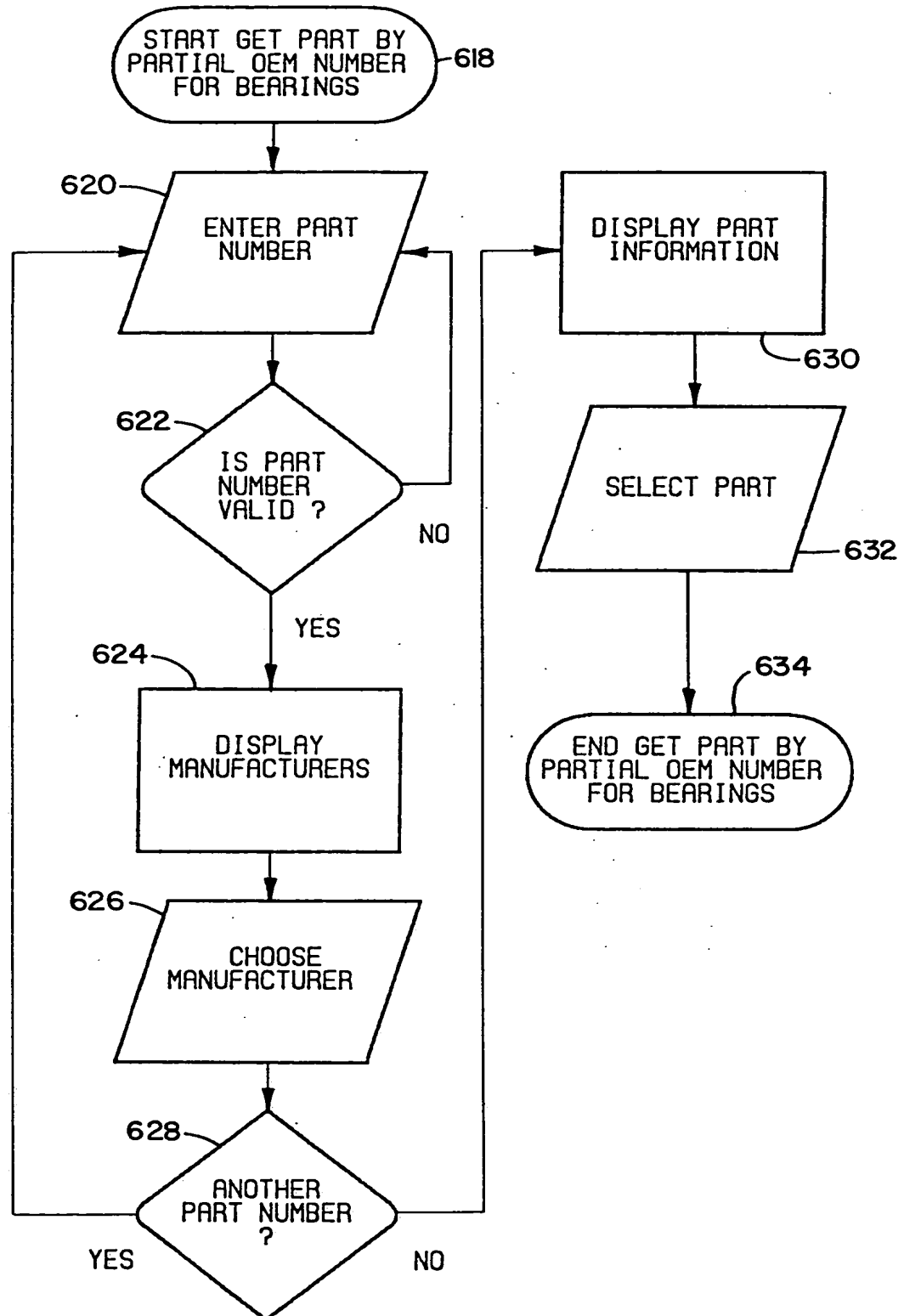


FIG. 23

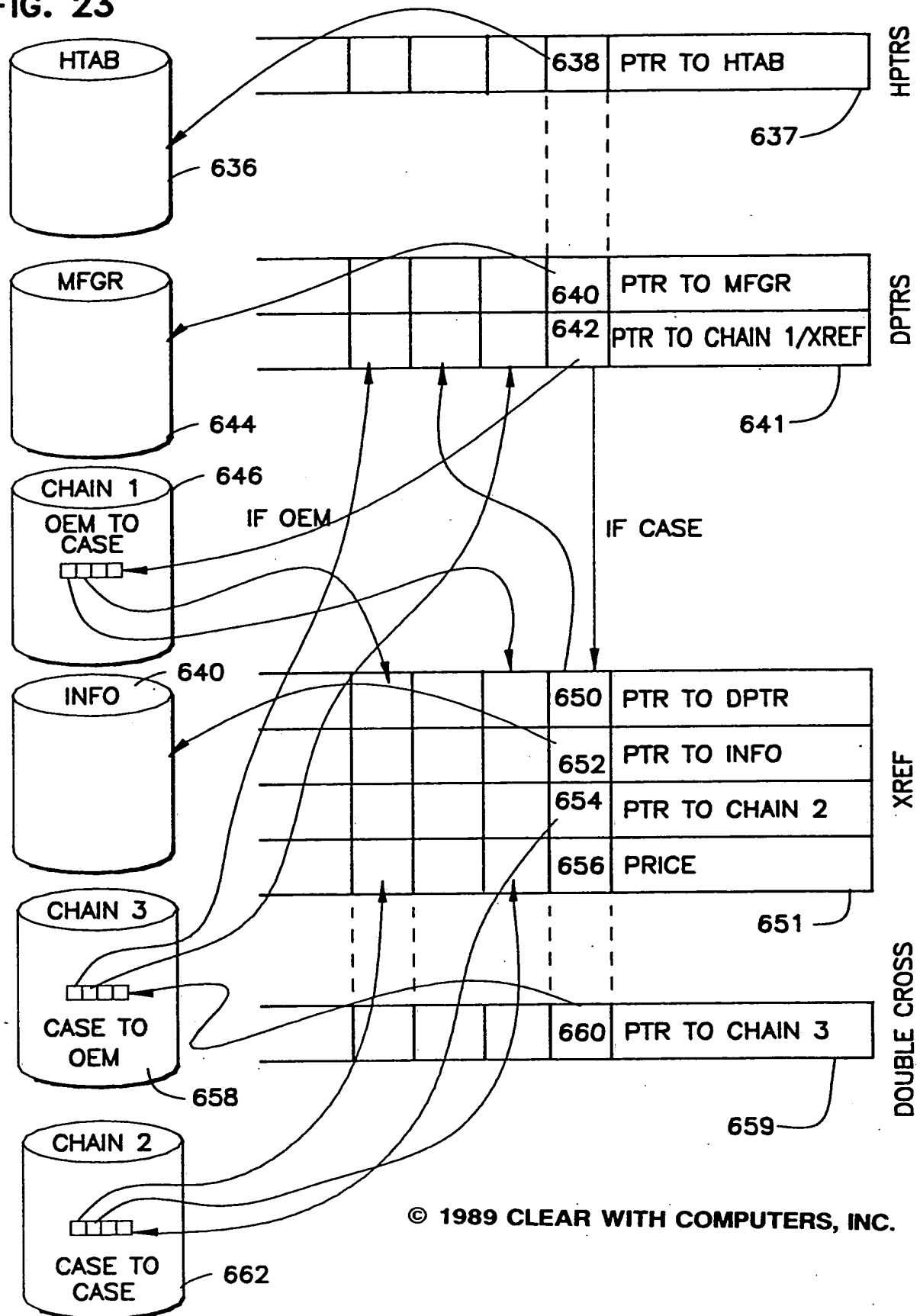
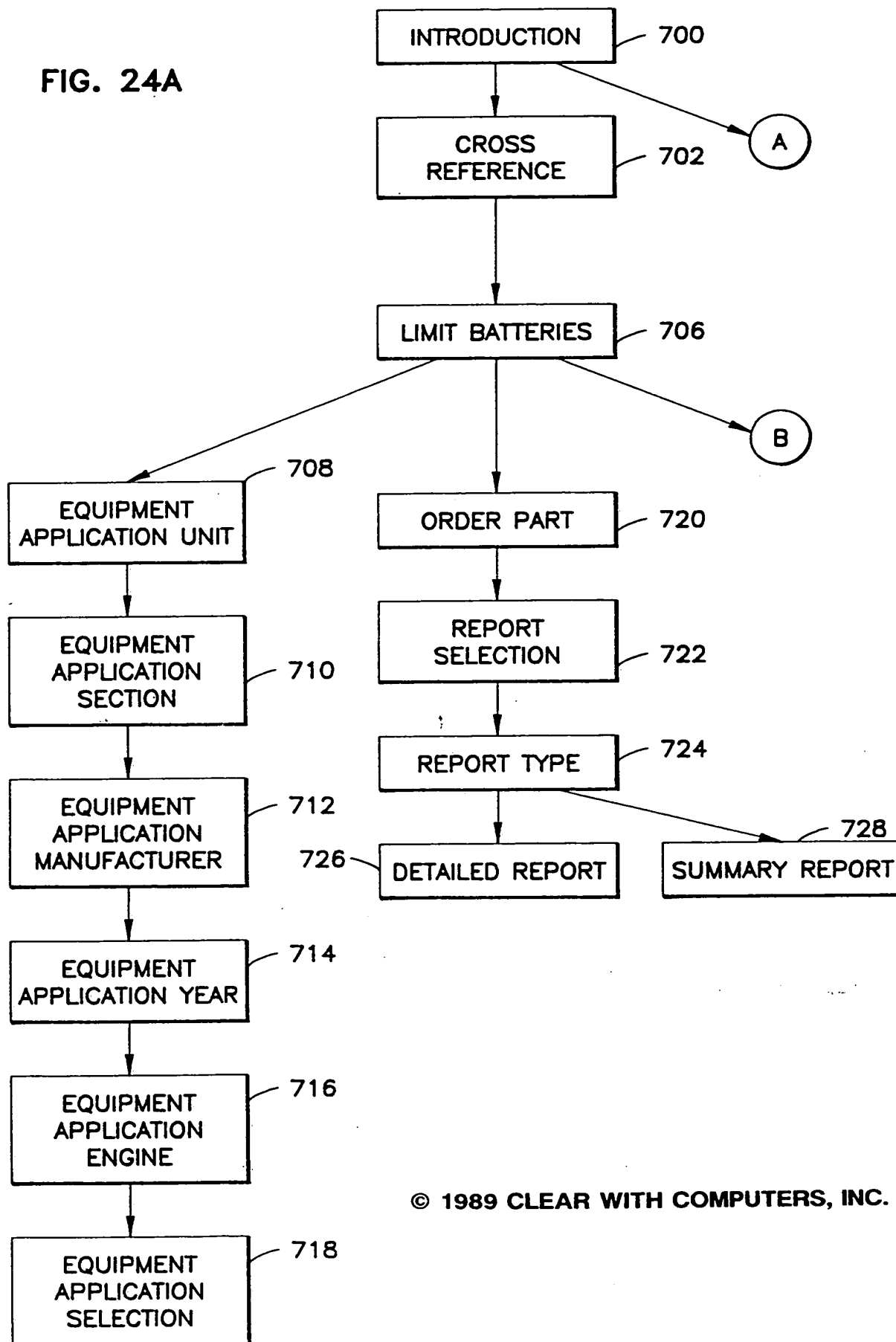


FIG. 24A



O. G. FIG.	SUBCLASS
CLASS	
APPROVED BY	CRAFTSMAN

FIG. 24B

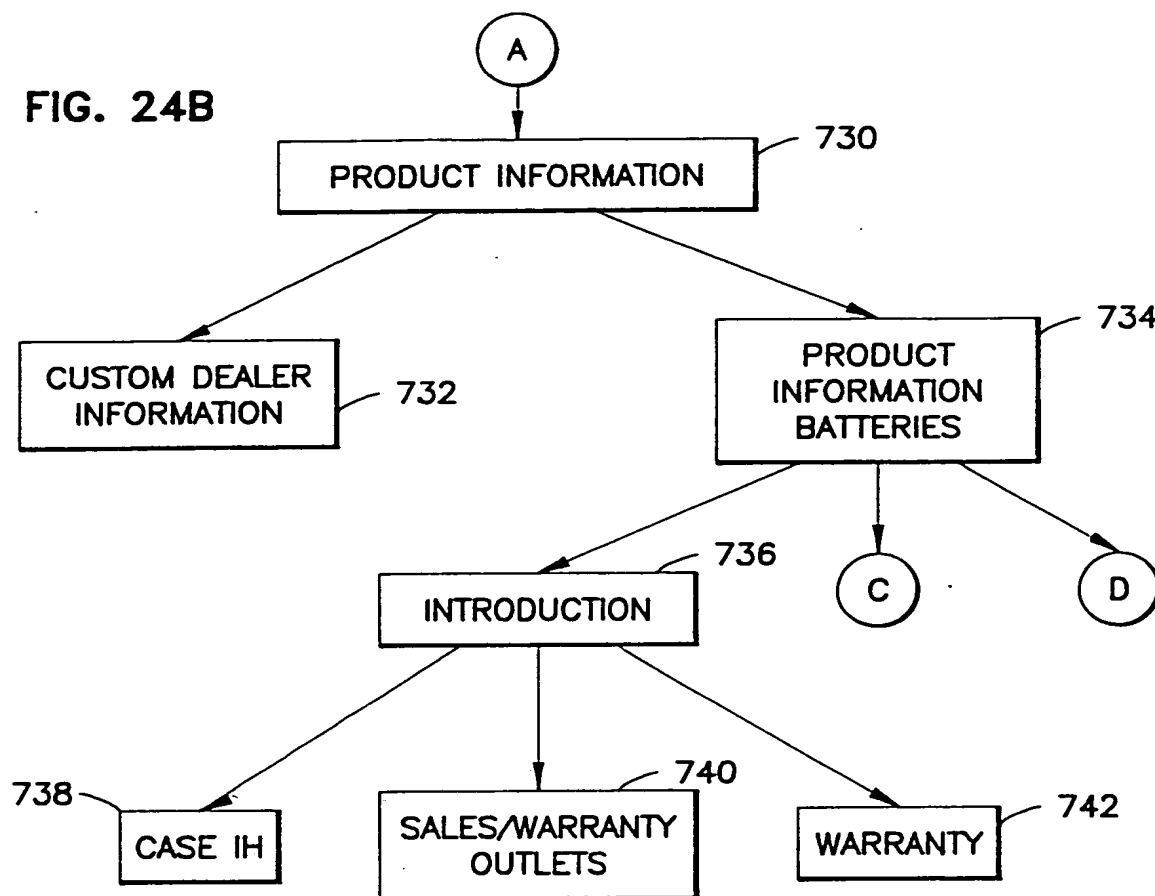
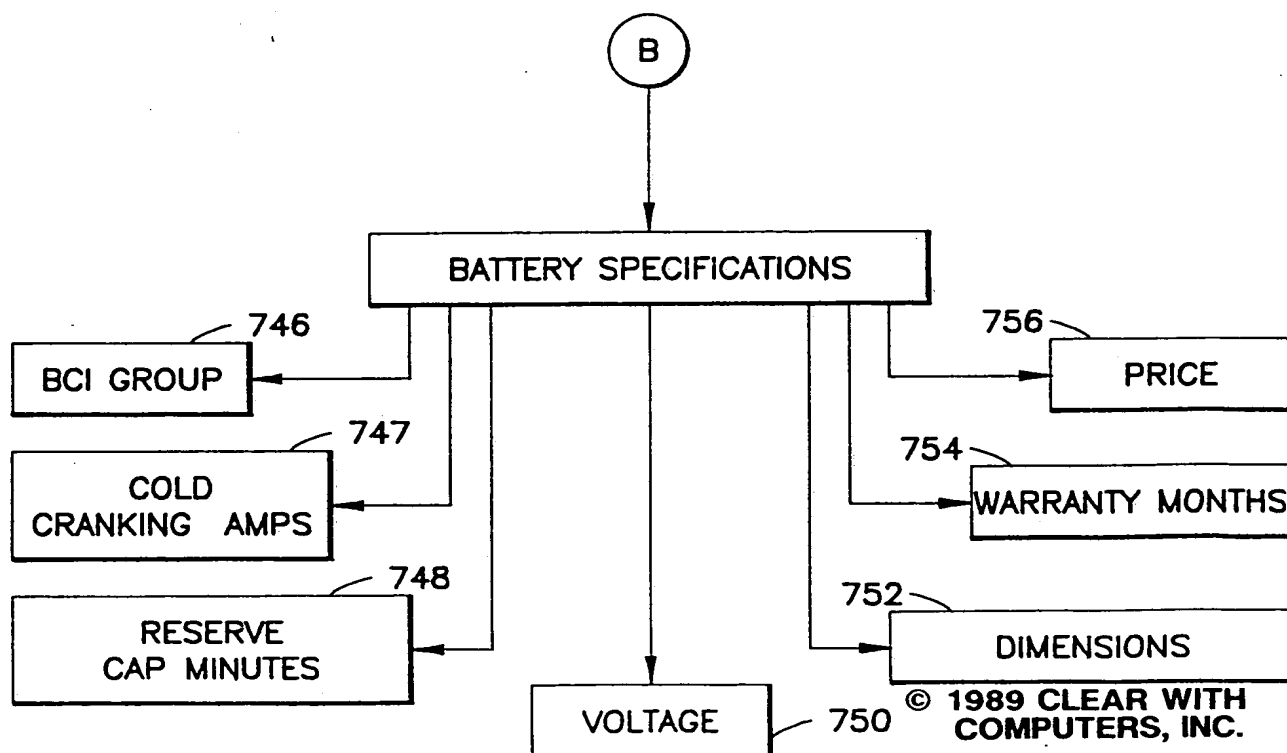
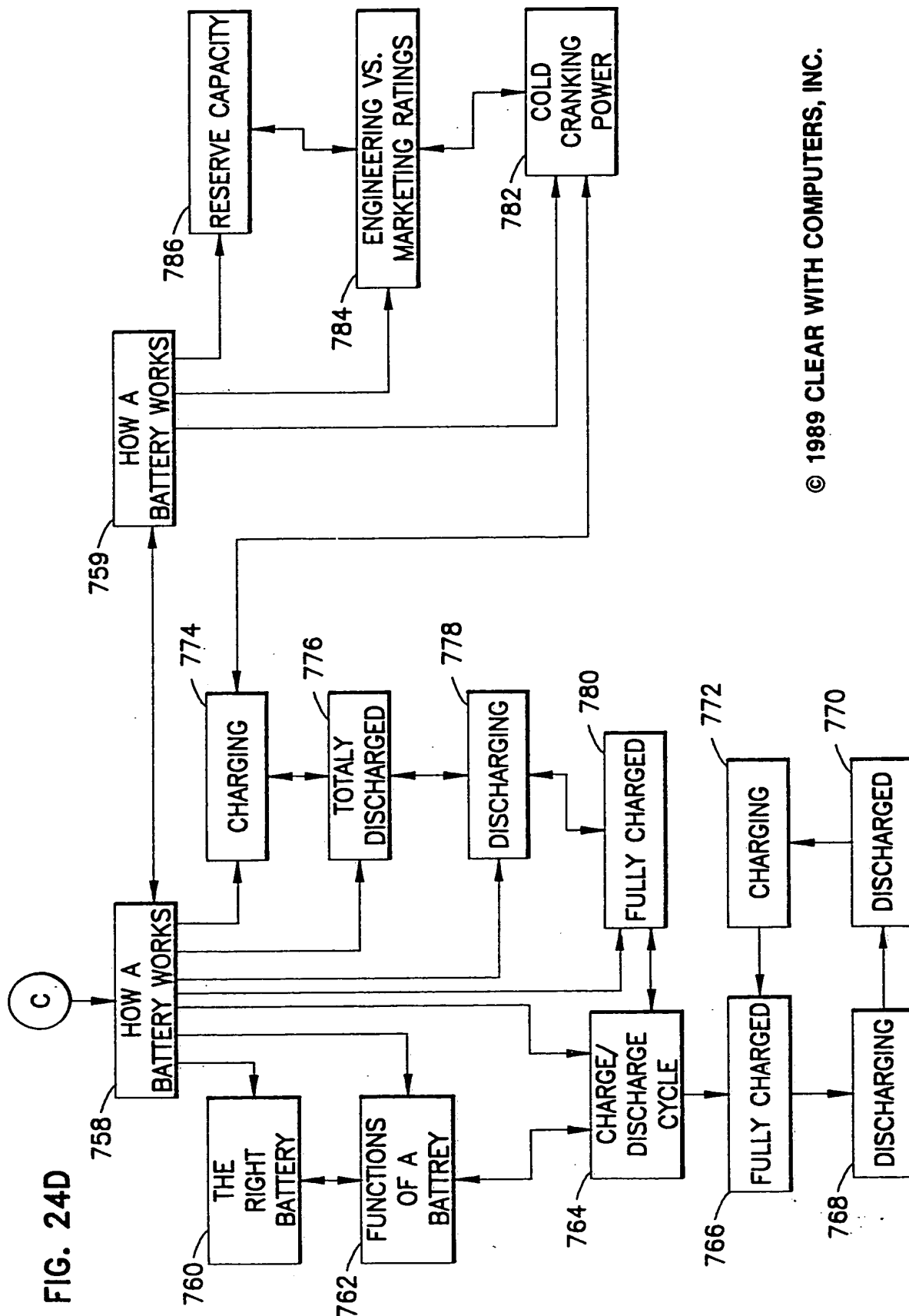


FIG. 24C



APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS



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APPROVED BY DRAFTSMAN	O. G. FIG.	
	CLASS	SUBCLASS

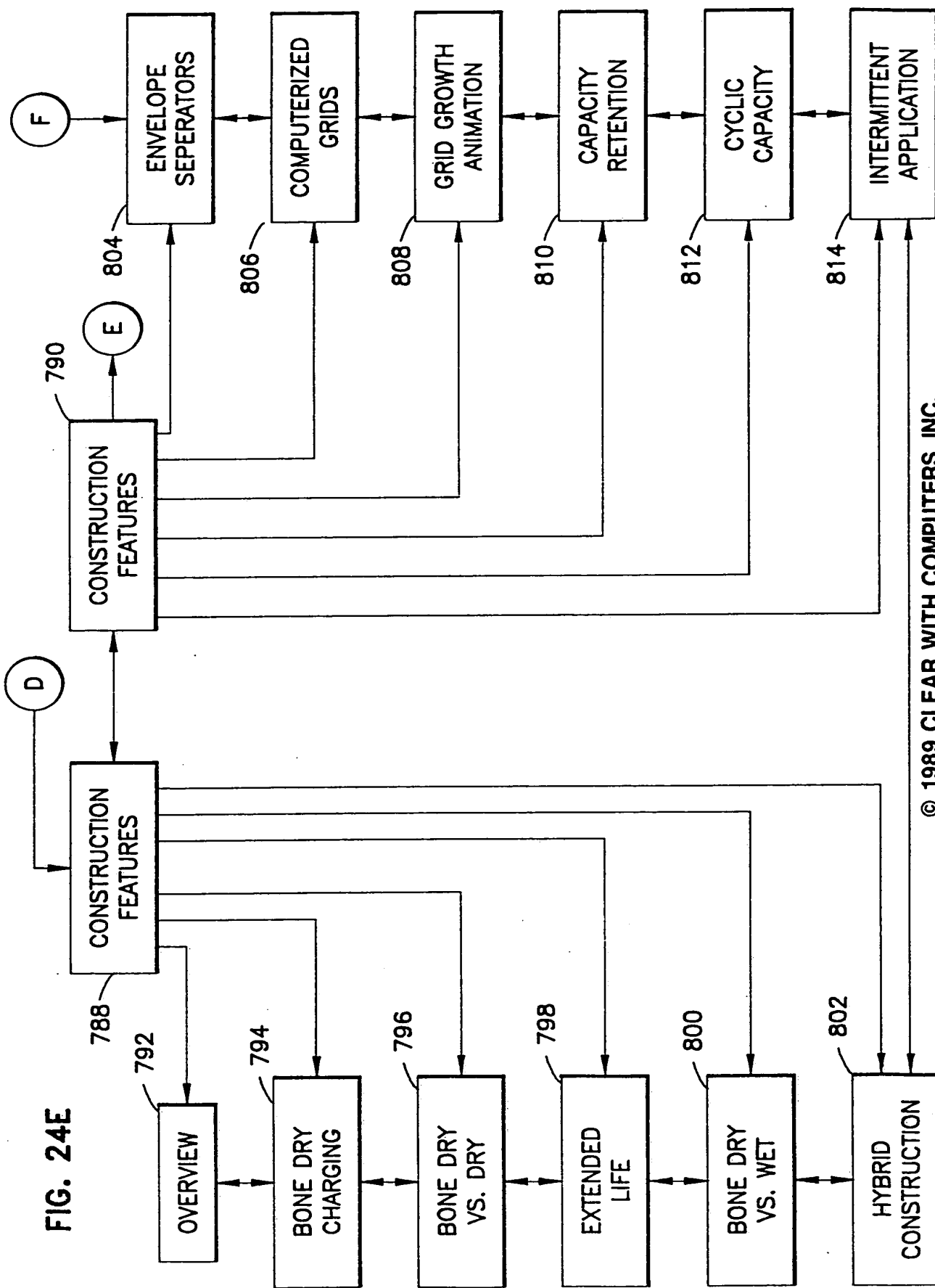


FIG. 24F

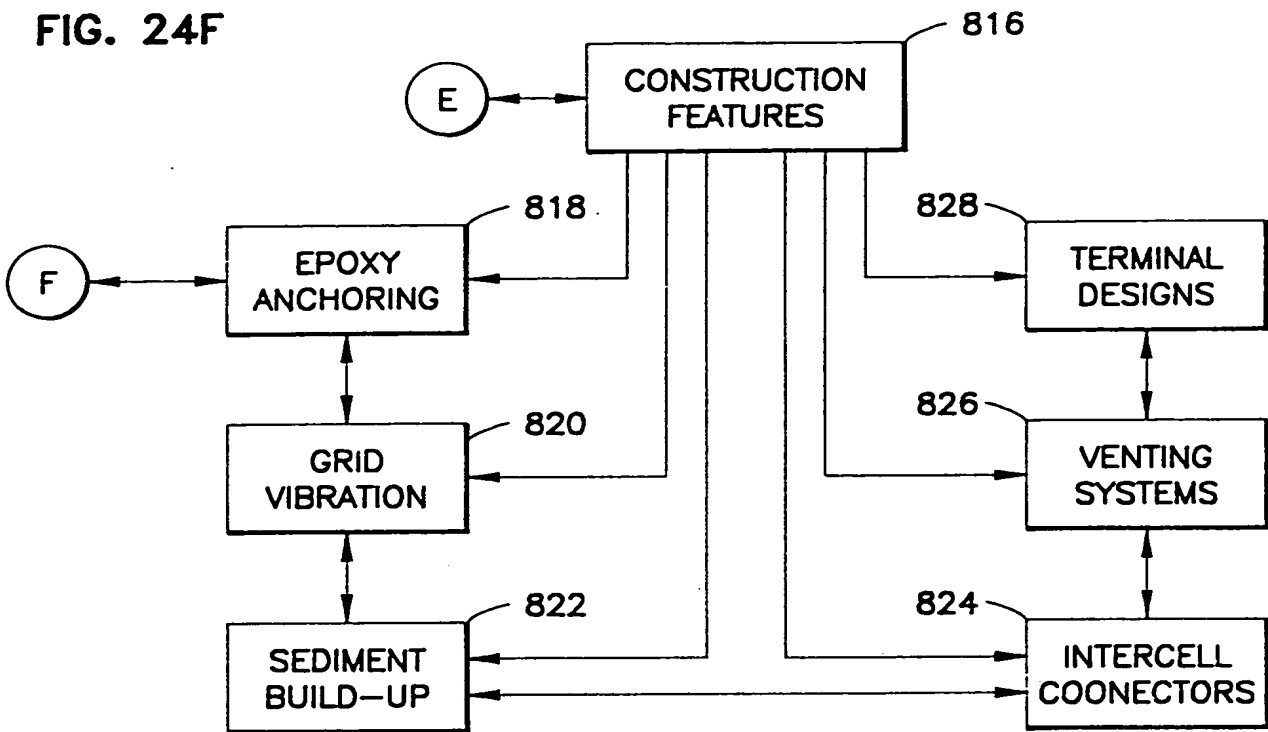


FIG. 18

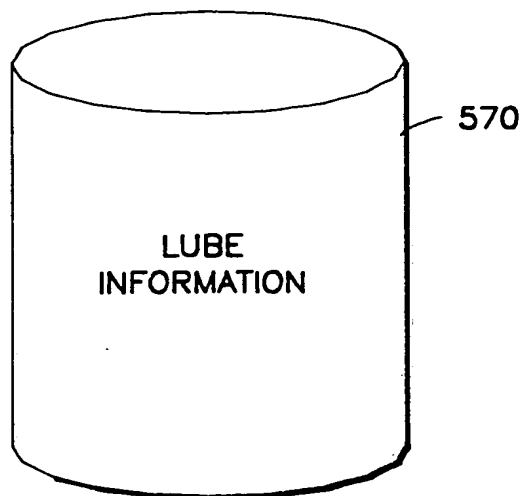


FIG. 25

CASEIH PARTS Introduction	
<p>QUICK REFERENCE Cross-Reference Product Information</p> <p>PRESENTATIONS/PROPOSALS Customer Presentation Customer Equipment</p> <p>TIME-SAVING TOOLS</p> <p>GRAPHIC SLIDE SHOW</p> <p>CUSTOMIZE</p> <p>Leave CASS PARTS</p>	<p><u>Cross-Reference</u></p> <p>Quickly find a part by entering a part number or a description of the equipment the part will fit</p>

700

FIG. 26

CASEIH PARTS Cross-Reference	
<p>Batteries</p> <p>Filters</p> <p>Remanufactured Electric</p> <p>Lubrication</p> <p>Bearings</p> <p>Main Menu</p>	<p><u>Batteries</u></p> <p>Choose a battery by specifying:</p> <p>1) CASE part number</p> <p>OR</p> <p>2) Equipment Application (make & model)</p> <p>OR</p> <p>3) Battery Specifications</p>

702

O. G. FIG.	SUBCLASS
CLASS	
APPROVED BY CORAFISMAN	

APPROVED BY DRAF TSMAN	O. G. FIG.	
	CLASS	SUBCLASS

FIG. 28

708

CASEIH PARTS Unit	
Equipment Add a unit	

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
GRAFESMAN		

710

FIG. 29

CASEIH PARTS	
Unit	
Equipment	<div>Section INDUSTRIAL, ROAD & MISC. EQUIPMENT FARM EQUIPMENT LIGHT TRUCKS & VANS PASSENGER CARS TRUCKS, BUSES & COACHES</div>
Add a unit	

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

712

FIG. 30

CASEIH PARTS Unit	
Equipment Add a unit	<div> <p>Manufacturer</p> <hr/> <p>ACURA ALFA ROMEO ACADIAN (GM CANADA) AMERICAN MOTORS AMC/EAGLE/RENAULT AUDI AUSTIN AUSTIN HEALEY AUTO UNION-DKW BEAUMONT (GM CANADA)</p> <p>1 of 7</p> </div>

FIG. 31

714

CASEIH PARTS Unit	
Equipment	<div> <div>Year</div> <div> 1970-77 1970-79 1973-74 1974-77 1974-79 1975-76 1978-79 1978-81 1980-81 1982 1 of 2 </div> </div>
Add a unit	

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

FIG. 32

7167

CASEIH PARTS Unit	
Equipment	Units
AUDI Add a unit	<div> <div> Engine 80 ALL OTHERS OPTIONAL </div> <div> PASS Manu Type Mode Year Engi </div> </div>

FIG. 33

718

CASEIH PARTS Unit	
Equipment	Units
AUDI Add a unit	<p>PASSENGER CARS</p> <p>Manufacturer AUDI</p> <p>Type ALL</p> <p>Model All Models</p> <p>Year 1970-77</p> <p>Engine 80</p>

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APPROVED	O.C. FIG.
BY	CLASS
GRAPHIC	SURCLASS

APPROVED BY TIRAF ISMAH	O. G. FIG.	
	CLASS	SUBCLASS

FIG. 34

720

CASEIH PARTS Limit Batteries			
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit
42	12V	66 Plates	390 CC 50 MO 1 Battery(s) on unit
AUDI ALL MODELS 1970-77 ALL OTHERS			
Cold Cranking @ 0 deg F (min) 390 AMPS			
3.6 Qts Acid 18 lbs dry 27 lbs wet			
Dimensions (in) 9.31 x 6.87 x 6.87			
90 day full replacement, 50 Mo Warranty			
PART NUMBER: B4250			\$ 46.99

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08/133986

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 35

722

CASEIH PARTS Limit Batteries				
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit	<table border="1"> <tr> <th>Report Selection</th> </tr> <tr> <td>1. Proposal/Order 2. Comparision 3. Application</td> </tr> </table>	Report Selection	1. Proposal/Order 2. Comparision 3. Application
Report Selection				
1. Proposal/Order 2. Comparision 3. Application				
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit			
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit			
<p>AUDI ALL MODELS 1970-77</p> <p>Cold Cranking @ 0 deg F (min) 390 AMPS 3.6 Qts Acid 18 lbs dry 27 lbs wet Dimensions (in) 9.31 x 6.87 x 6.87 90 day full replacement, 50 Mo Warranty</p>				
PART NUMBER: B4250		\$ 46.99		

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAF TSMAN		

FIG. 36

724

CASEIH PARTS Limit Batteries		
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit	<div>Report Type</div> <div>1. Detailed</div> <div>2. Summary</div>
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit	
42	12V 66 Plates 390 CC 50 MO 1 Battery(s) on unit	
AUDI ALL MODELS 1970-77 ALL OTHERS Cold Cranking @ 0 deg F (min) 390 AMPS 3.6 Qts Acid 18 lbs dry 27 lbs wet Dimensions (in) 9.31 x 6.87 x 6.87 90 day full replacement, 50 Mo Warranty		
PART NUMBER: B4250		\$ 46.99

FIG. 37

P R O P O S A L / O R D E R

726

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
JRAF TSMAN		

PART
QTY NUMBER

PRICE
EA (\$)

PRICE
TOTAL (\$)

DESCRIPTION

BATTERY:

1 B4250 42 12V 66 Plates 390 CC 50 MO 46.99 46.99

AUDI ALL MODELS 1970-77 ALL OTHERS

Cold Cranking @ 0 deg F (min) 390 AMPS

3.6 Qts Acid 18 lbs dry 27 lbs wet

Dimensions (in) 9.31 x 6.87 x 6.87

90 day full replacement, 50 Mo Warranty

S U M M A R Y

Quantity Product Price

1 BATTERY \$ 46.99

BATTERY Subtotal: \$ 46.99

Total: \$ 46.99

X _____ X _____

Accepted by: _____

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FIG. 38

P R O P O S A L / O R D E R

QTY	PART NUMBER	DESCRIPTION	PRICE EA (\$)	PRICE TOTAL (\$)
-----	----------------	-------------	------------------	---------------------

728

BATTERY:

1	B4250	42 12V 66 Plates 390 CC 50 MO	46.99	46.99
AUDI ALL MODELS 1970-77 ALL OTHERS				

S U M M A R Y

Quantity	Product	Price
1	BATTERY	\$ 46.99

BATTERY Subtotal: \$ 46.99

Total: \$ 46.99

X _____ X _____

Accepted by: _____ © 1989 CLEAR WITH COMPUTERS, INC.

APPROVED	0.6. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

FIG. 39

746

CASEIH PARTS Limit Batteries	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group Cold Cranking Amps Reserve Cap Minutes Voltage Dimensions (inches) Warranty Months Price</p>	<p>BATTERY SPECIFICATIONS</p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p>BCI GROUP</p> <p>Specify the BCI Group you wish to select a battery from.</p> <p>Press right arrow when lit to go to order screen.</p>

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
RAF-ISMAR		

APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
GRAFTSMAN		

FIG. 40

747

CASEIH PARTS Limit Batteries	
CASEIH PART # EQUIPMENT APPLICATION BATTERY SPECIFICATIONS BCI Group Cold Cranking Amps Reserve Cap Minutes Voltage Dimensions (inches) Warranty Months Price	BATTERY SPECIFICATIONS Choose which battery specification categories are to be used to limit battery choice. Multiple categories can be used. Cold Cranking Amps Specify the Cold Cranking Amps the battery must deliver. Press right arrow when lit to go to order screen.

FIG. 41

748

CASEIH PARTS Limit Batteries	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group</p> <p>Cold Cranking Amps</p> <p>Reserve Cap Minutes</p> <p>Voltage</p> <p>Dimensions (inches)</p> <p>Warranty Months</p> <p>Price</p>	<p><u>BATTERY SPECIFICATIONS</u></p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p><u>Reserve Capacity Minutes</u></p> <p>Specify the Reserve Capacity Minutes the battery must deliver.</p> <p><u>Press right arrow when lit to go to order screen.</u></p>

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
PRAF TSHAN		

FIG. 42

750

CASEIH PARTS Limit Batteries	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group</p> <p>Cold Cranking Amps</p> <p>Reserve Cap Minutes</p> <p>Voltage</p> <p>Dimensions (inches)</p> <p>Warranty Months</p> <p>Price</p>	<p>BATTERY SPECIFICATIONS</p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p>Voltage</p> <p>Specify the required Voltage the battery must have.</p> <p>Press right arrow when lit to go to order screen.</p>

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APPROVED	O. G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CSRAE TSMAN		

FIG. 43 752

CASEIH PARTS Limit Batteries	
CASEIH PART # EQUIPMENT APPLICATION BATTERY SPECIFICATIONS BCI Group Cold Cranking Amps Reserve Cap Minutes Voltage Dimensions (inches) Warranty Months Price	<div>BATTERY SPECIFICATIONS</div> <div>Choose which battery specification categories are to be used to limit battery choice. Multiple categories can be used.</div> <div>Dimensions (inches)</div> <div>Will locate battery(s) of exact size or if not exact size, available battery(s) whose 3 measurements are within 1/2 inch smaller.</div> <div>Press right arrow when lit to go to order screen.</div>

APPROVED BY CRAFTSMAN	CLASS	O. G. FIG. SUBCLASS
-----------------------------	-------	------------------------

754

FIG. 44

<p>CASEIH PARTS Limit Batteries</p>	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group</p> <p>Cold Cranking Amps</p> <p>Reserve Cap Minutes</p> <p>Voltage</p> <p>Dimensions (inches)</p> <p>Warranty Months</p> <p>Price</p>	<p>BATTERY SPECIFICATIONS</p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p>Warranty Months</p> <p>Specify the number of months the battery must be covered by warranty.</p> <p>Press right arrow when lit to go to order screen.</p>

FIG. 45

756

CASEIH PARTS Limit Batteries	
<p>CASEIH PART #</p> <p>EQUIPMENT APPLICATION</p> <p>BATTERY SPECIFICATIONS</p> <p>BCI Group</p> <p>Cold Cranking Amps</p> <p>Reserve Cap Minutes</p> <p>Voltage</p> <p>Dimensions (inches)</p> <p>Warranty Months</p> <p>Price</p>	<p>BATTERY SPECIFICATIONS</p> <p>Choose which battery specification categories are to be used to limit battery choice.</p> <p>Multiple categories can be used.</p> <p>Price</p> <p>Specify the desired target price of the battery.</p> <p>Press right arrow when lit to go to order screen.</p>

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

FIG. 46

730

CASEIH PARTS Facts, the CASEIH story	
DEALER NAME BATTERIES FILTERS REMANUFACTURED ELECTRIC LUBRICANTS BEARINGS Main Menu	DEALER NAME <hr/> Customized information for this dealership

FIG. 47

732

CASEIH PARTS Facts, the CASEIH story	
DEALER NAME BATTERIES FILTERS REMANUFACTURED ELECTRIC LUBRICANTS BEARINGS Main Menu	DEALER NAME <hr/> Background Parts Service

APPROVED	BY	CLASS	SUBCLASS
DATE		TIME	

O. G. FIG.		SUBCLASS	
CLASS			
APPROVED	BY	CRAFTSMAN	

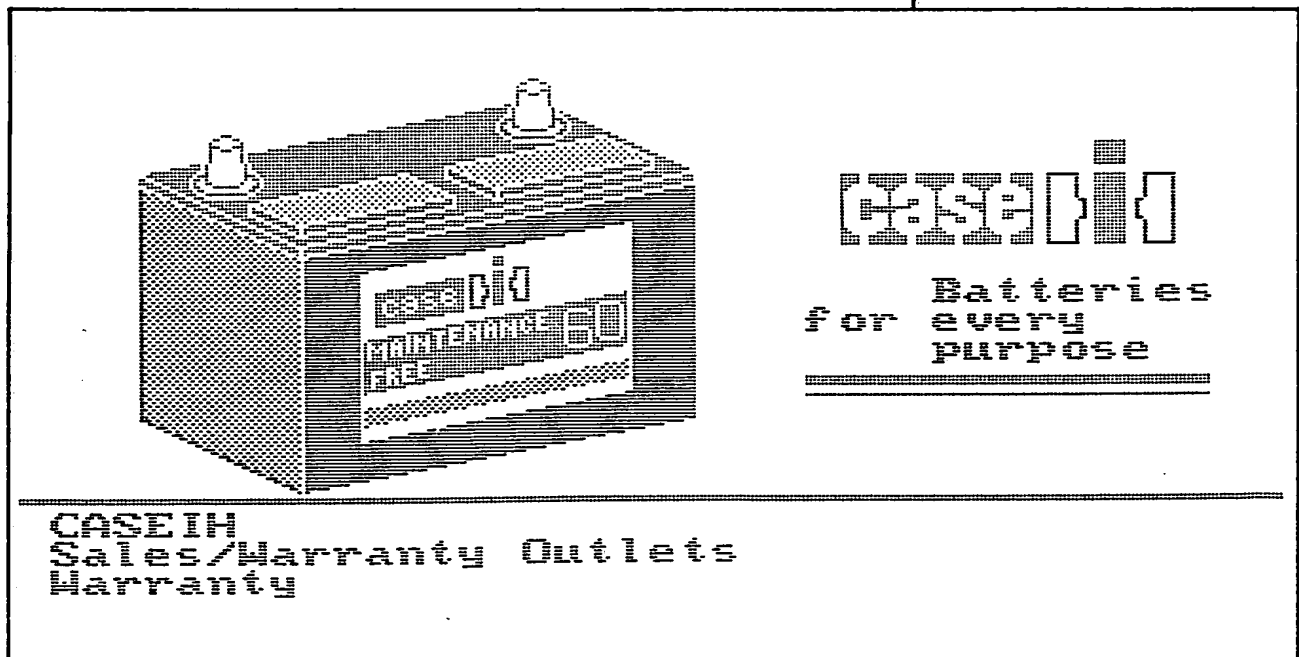
FIG. 48

734

CASEIH PARTS Facts, the CASEIH story	
DEALER NAME BATTERIES FILTERS REMANUFACTURED ELECTRIC LUBRICANTS BEARINGS Main Menu	<u>BATTERIES</u> Introduction How a Battery Works Construction Features

FIG. 49

736



O.G. FIG.	SUBCLASS
CLASS	
APPROVED	BY
	DRAFTSMAN



Headquartered in Racine, WI, CASEIH is a worldwide manufacturer and marketer of agricultural and construction equipment. CASEIH is a subsidiary of Tenneco, Inc.

TENNECO

Headquartered in Houston, TX, Tenneco Inc., is a diversified company with major business interests in oil, natural gas, pipelines, agricultural and construction equipment, ship building, automotive parts, chemicals packaging, agriculture, and minerals.

FIG. 50

738

FIG. 51

740

CASEIH NORTH AMERICA

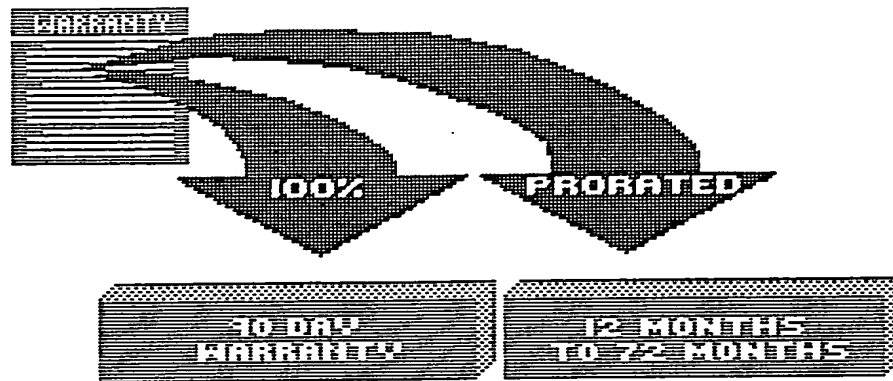
OVER 2,200 SALES OUTLETS

+ CASEIH insures parts availability and warranty service through its many sales outlets all across North America

FIG. 52

742

APPROVED BY CRAF-ISHAN	O.C. FIG.	SUBCLASS
	CLASS	

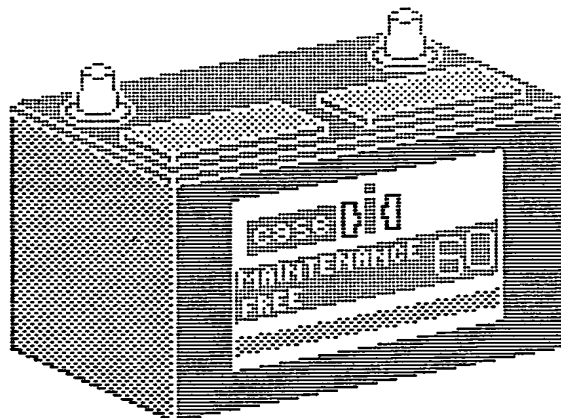


* WARRANTY

- + CASEIH stands behind their batteries with the best warranty in the industry, regardless of vehicle application.

FIG. 53

758



Caseih

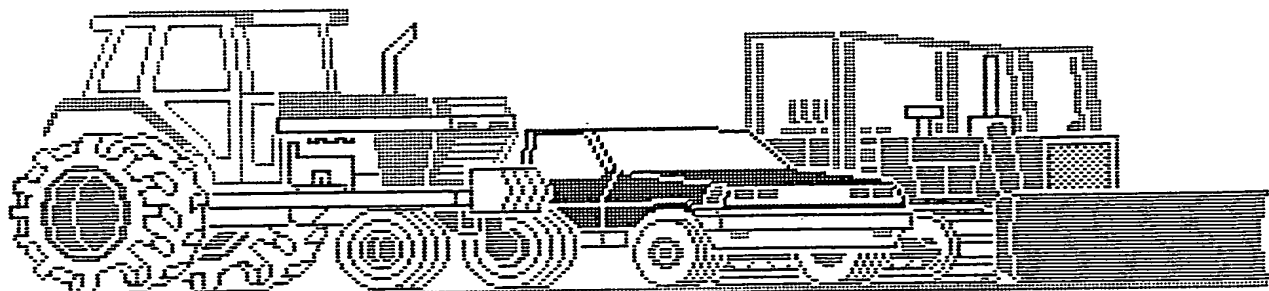
Batteries
for every
purpose

The Right Battery
Functions of a Battery
Charge/Discharge Cycle
Fully Charged
Discharging
Totally Discharged
Charging

Screen 1 of 2

FIG. 54

760

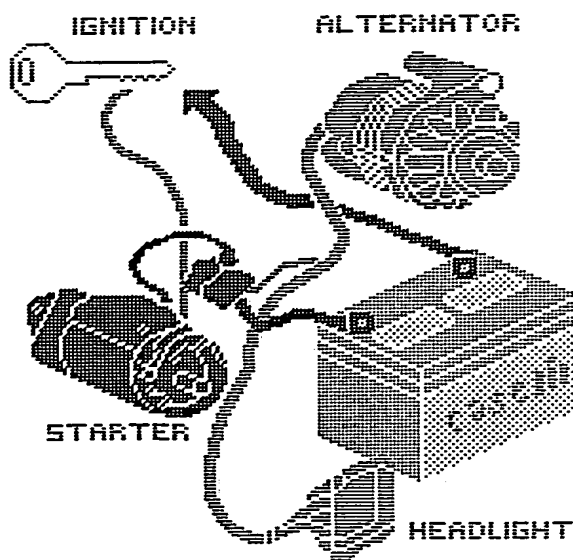


* THE RIGHT BATTERY FOR YOUR NEEDS

- + A wide selection of quality batteries, made in North America by skilled craftsmen, provide superior performance features for almost any application

FIG. 55

762



MAIN FUNCTIONS OF THE BATTERY

- 1) Supply power to starter and ignition system
- 2) Supply extra power when vehicle's electrical load requirements exceed supply from charging system
- 3) Protect electrical system from temporarily high voltages

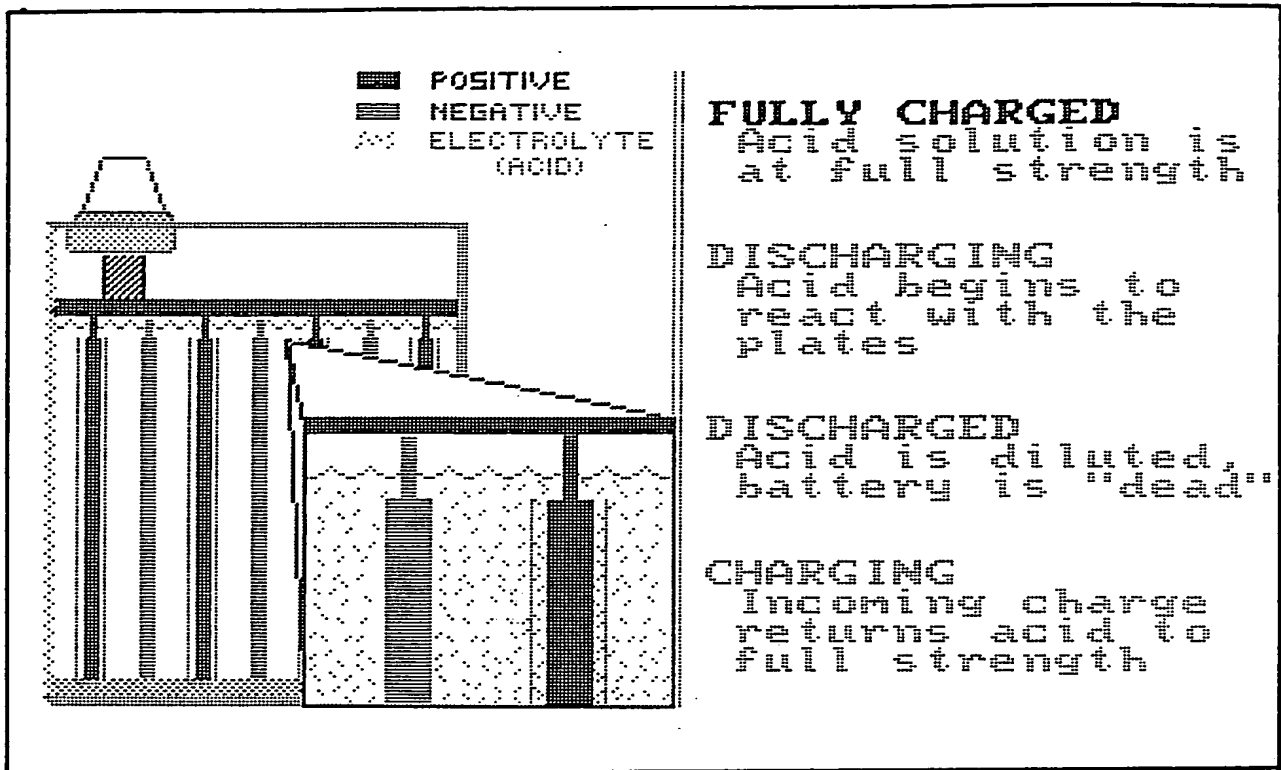


FIG. 56

766

FIG. 57

768

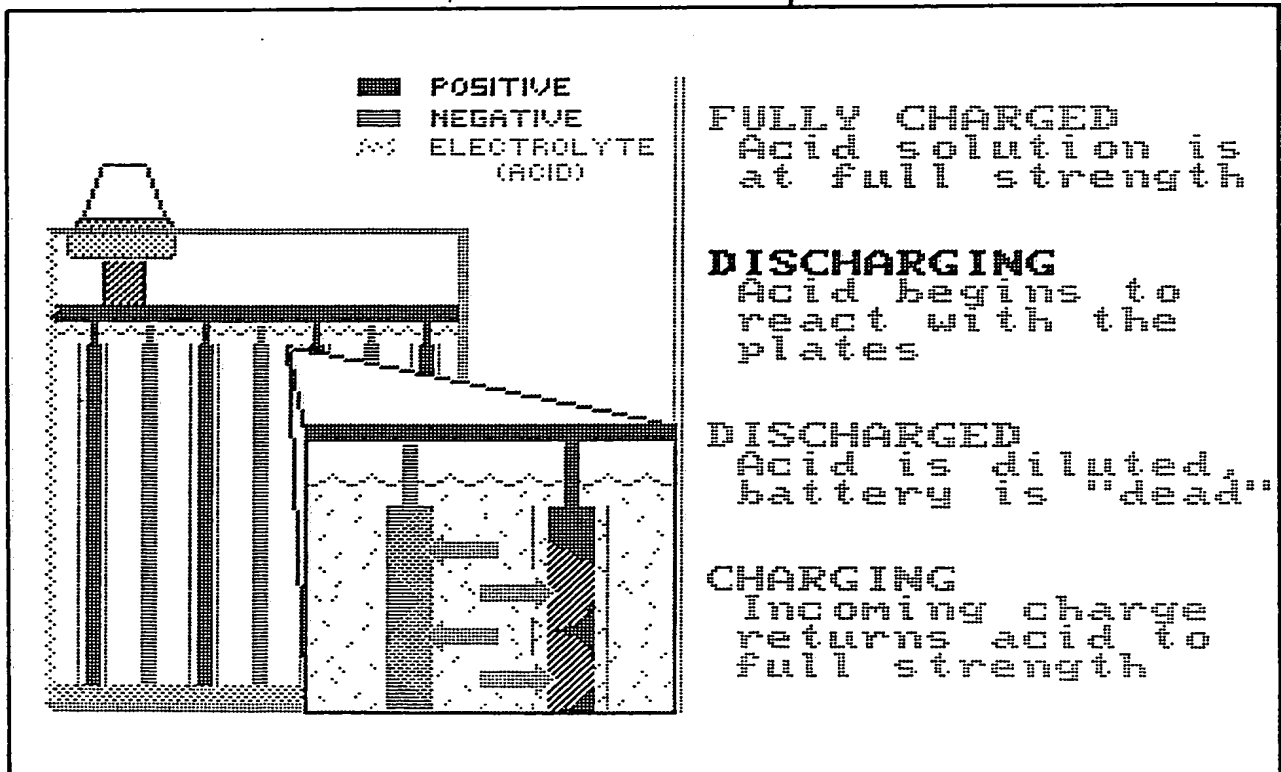



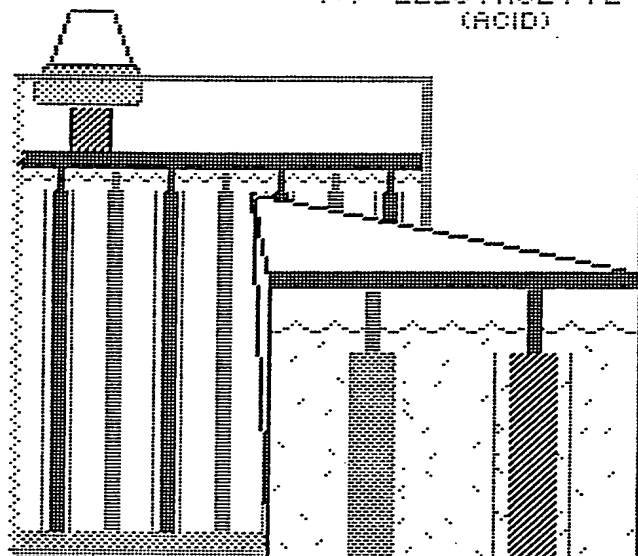


FIG. 58

770

 POSITIVE
 NEGATIVE
 ELECTROLYTE (ACID)



FULLY CHARGED
Acid solution is at full strength




DISCHARGING
Acid begins to react with the plates

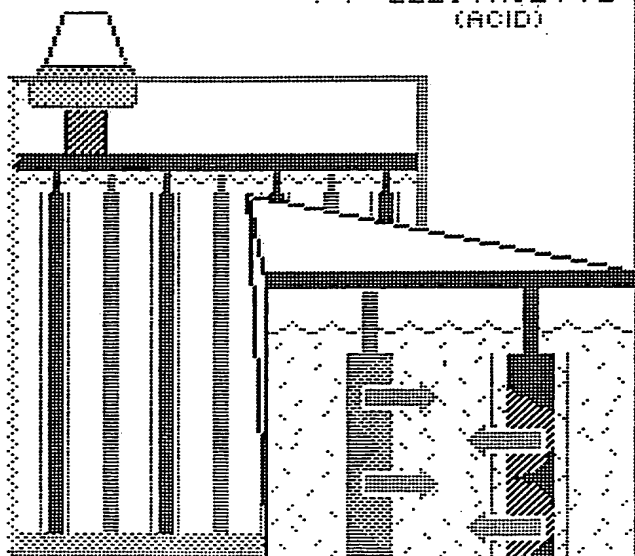
DISCHARGED
Acid is diluted, battery is "dead"

CHARGING
Incoming charge returns acid to full strength

FIG. 59

772

 POSITIVE
 NEGATIVE
 ELECTROLYTE (ACID)



FULLY CHARGED
Acid solution is at full strength

DISCHARGING
Acid begins to react with the plates

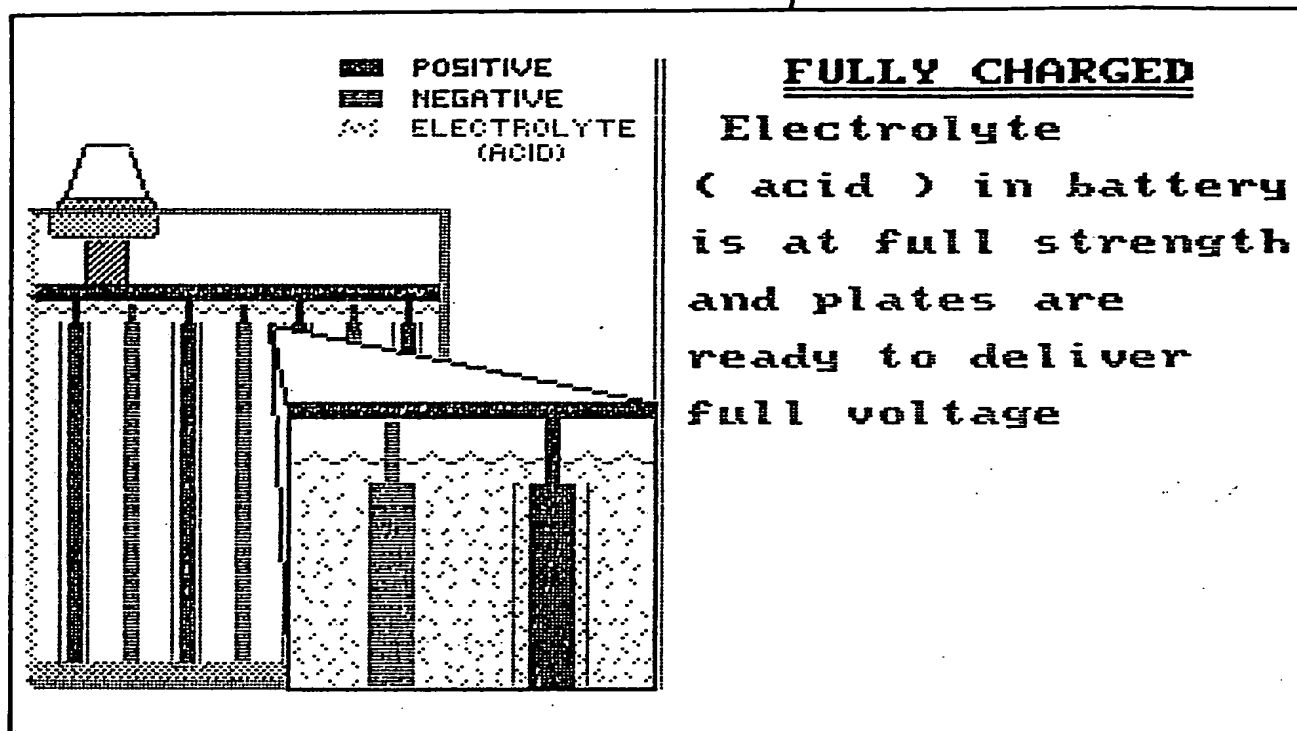
DISCHARGED
Acid is diluted, battery is "dead"

CHARGING
Incoming charge returns acid to full strength

FIG. 60

780

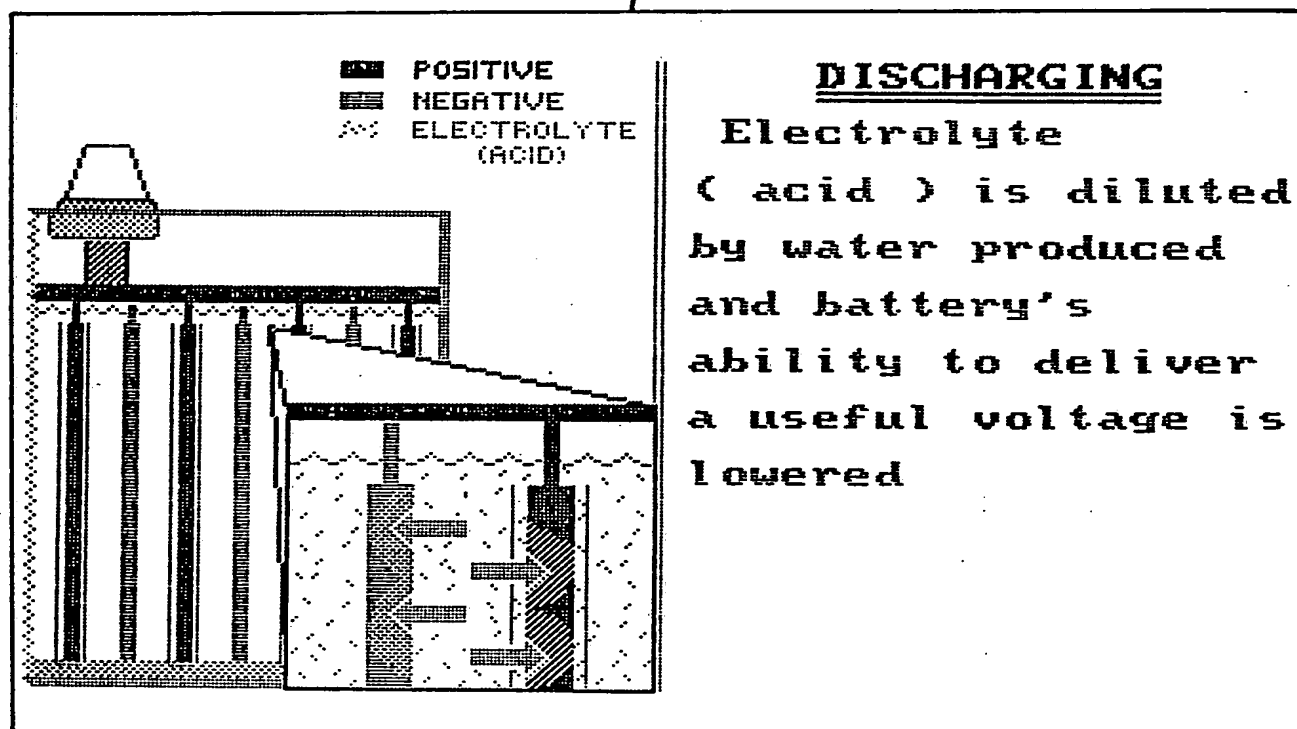
O.G. FIG.	SUBCLASS
CLASS	
APPROVED BY	THAF (SMAR)

**FULLY CHARGED**

Electrolyte
 (acid) in battery
 is at full strength
 and plates are
 ready to deliver
 full voltage

FIG. 61

778

**DISCHARGING**

Electrolyte
 (acid) is diluted
 by water produced
 and battery's
 ability to deliver
 a useful voltage is
 lowered

FIG. 62

776

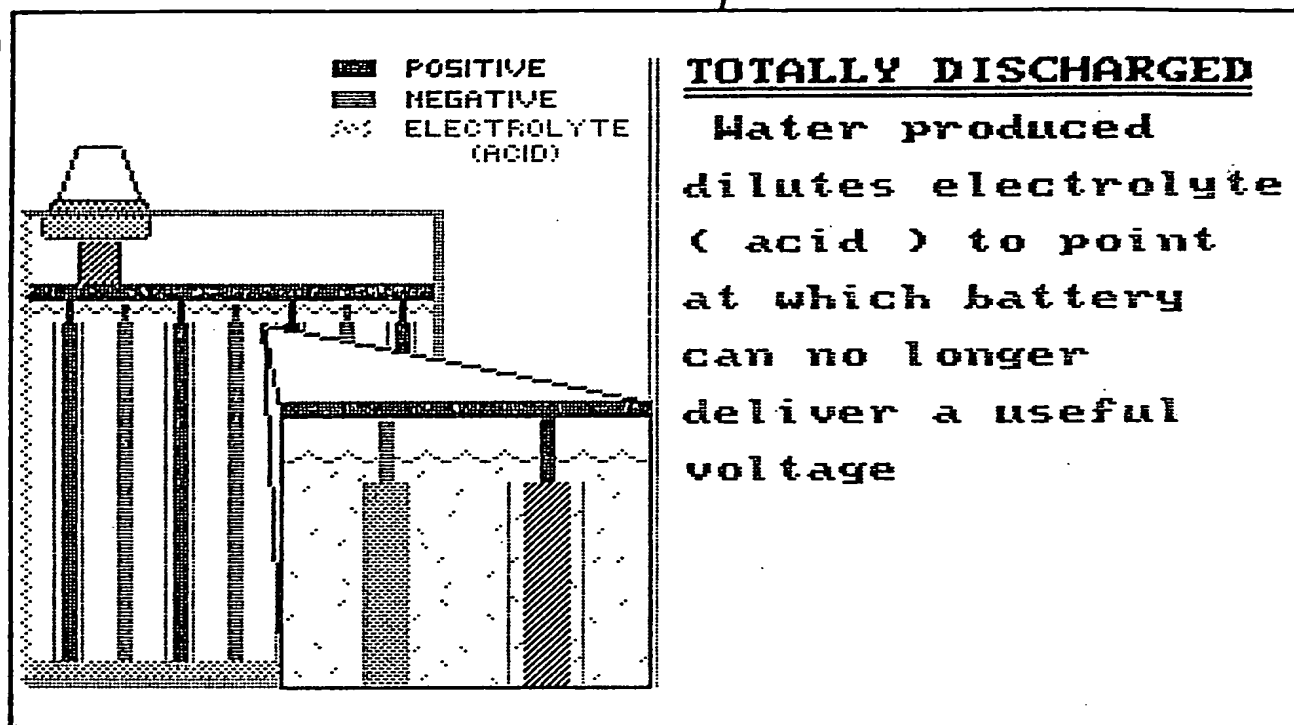


FIG. 63

774

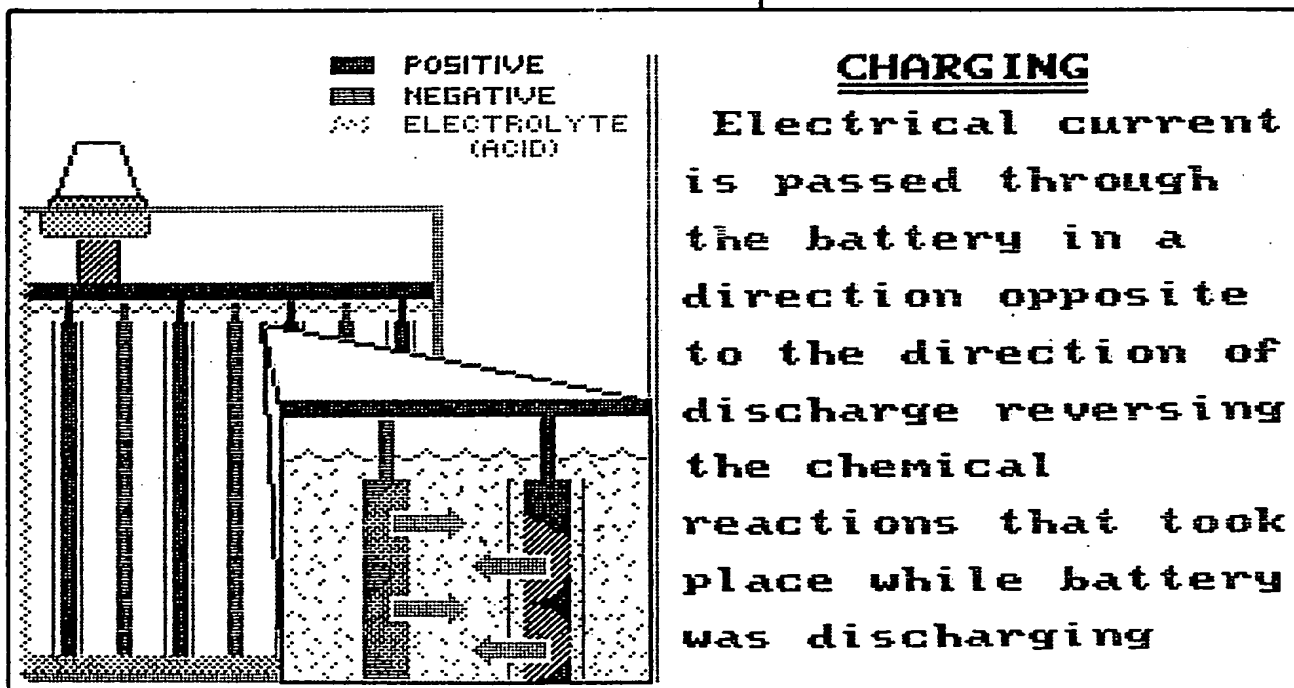
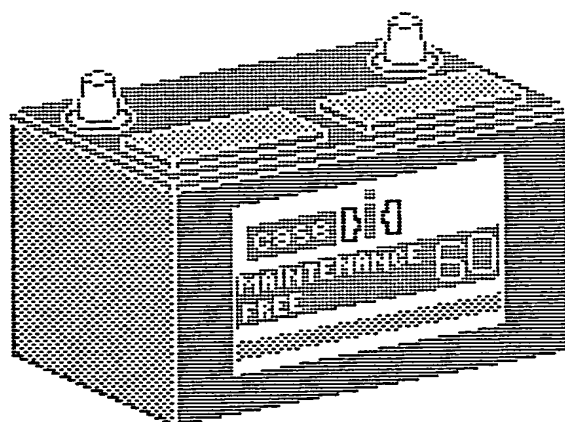


FIG. 64

759

O.C. FIG.	SUBCLASS
CLASS	
APPROVED BY	DRAFTSMAN



CASE 111

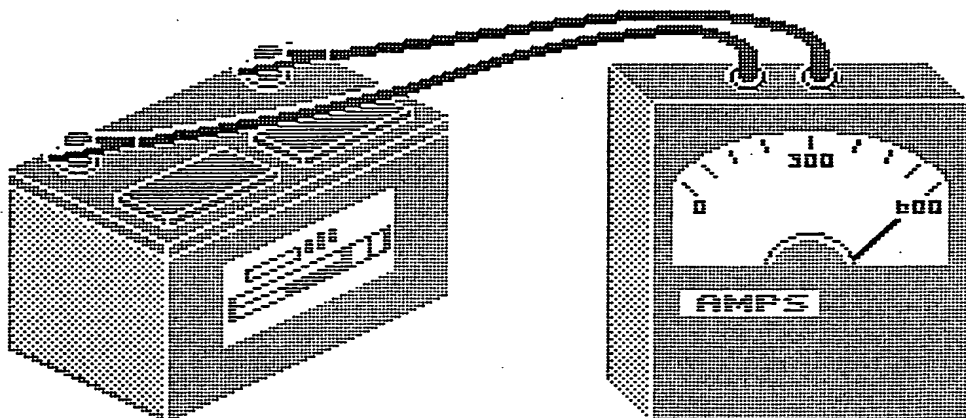
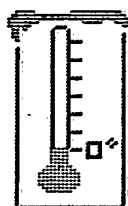
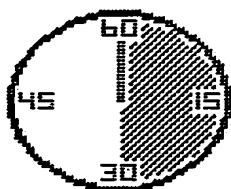
Batteries
for every
purpose

Cold Cranking Power
Engineering vs. Marketing Ratings
Reserve Capacity

Screen 2 of 2

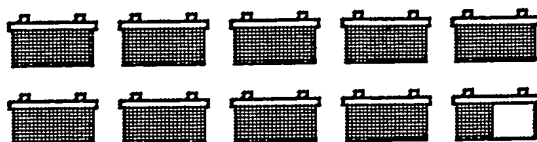
FIG. 65

782

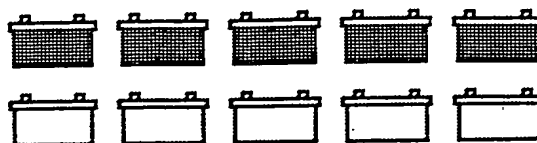


* COLD CRANKING CAPACITY

- + Amount of current battery can deliver for 30 seconds at 0 degrees without dropping below a specific voltage
- + Ability of battery to provide adequate power to start a cold engine based on manufacturer's standards

ENGINEERING RATINGS

ENGINEERING RATINGS ACHIEVE
SAE PERFORMANCE STANDARDS
95%
OF THE TIME

MARKETING RATINGS

MARKETING RATINGS ACHIEVE SAE
PERFORMANCE STANDARDS ONLY
50%
OF THE TIME

*** ENGINEERING vs MARKETING RATINGS**

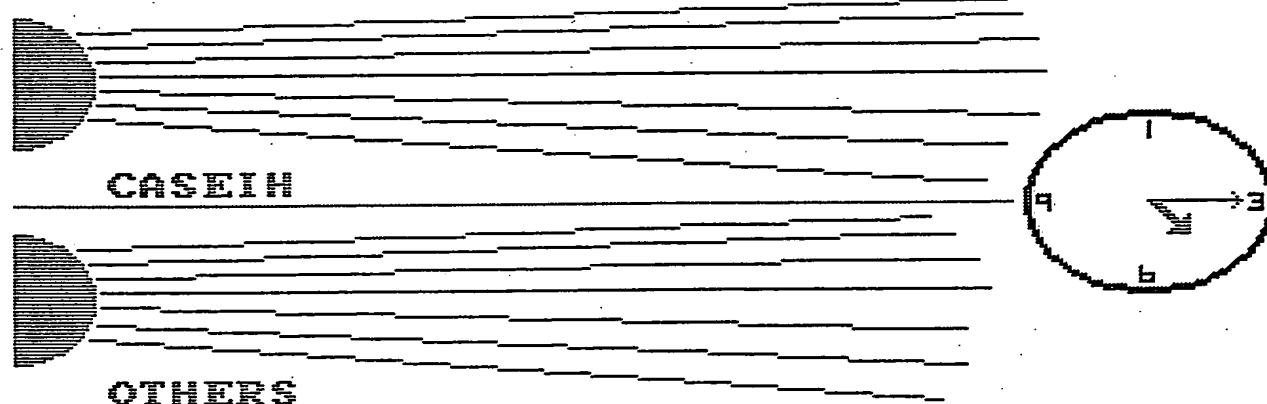
- + CASEIH will accept only engineering ratings
- + CASEIH randomly selects units for tests to insure our high standards are being met
- + Reliable quality is guaranteed

FIG. 66

784

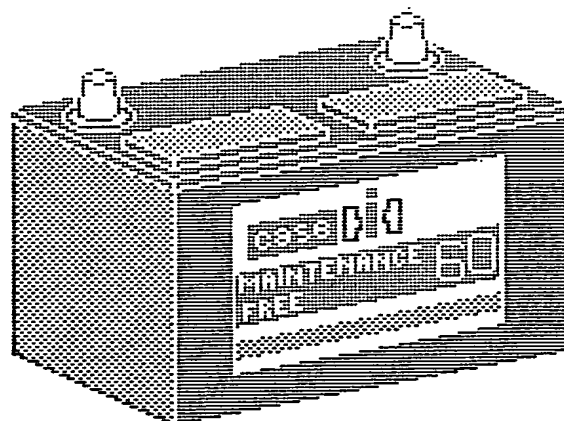
FIG. 67

786

*** HIGH RESERVE CAPACITY**

- + CASEIH batteries have the capacity to deliver a sustained electrical flow if a vehicle's charging system fails
- + Reliable performance in the field

O.G. FIG.	SUBCLASS	
	CLASS	
APPROVED	BY	TRAFFISMAN



case

Batteries
for every
purpose

Overview
Bone Dry Charging
vs Dry Charging
Extended Life
vs Wet Charging
Hybrid Construction

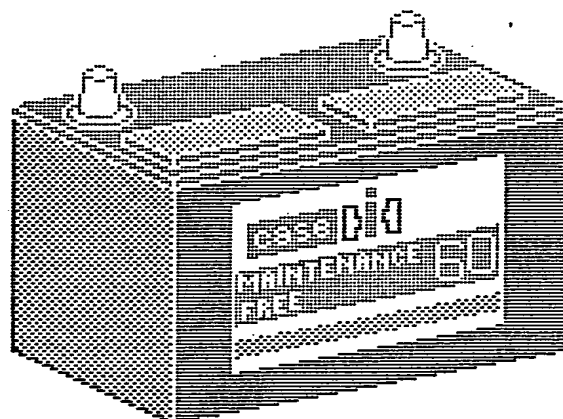
Screen 1 of 3

FIG. 68

788

FIG. 69

790



case

Batteries
for every
purpose

Intermittent Application
Cyclic Capacity
Capacity Retention
Grid Growth
Computerized Grids
Envelope Separators

Screen 2 of 3

O. G. FIG.	SUBCLASS
CLASS	
APPROVED BY	RAF (SMH)

CASE IH

Batteries
for every
purpose

Epoxy Anchoring
Grid Vibration
Sediment Build-up
Intercell Connectors
Venting System
Terminal Designs

Screen 3 of 3

FIG. 70

816

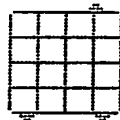
FIG. 71

792

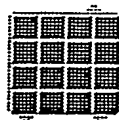
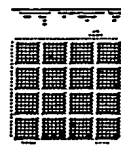
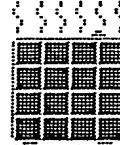
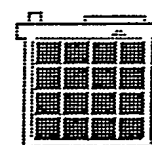
**CASE IH
BATTERIES**

+ Made in
North
America
with a
unique
blend of
skilled
craftsmanship
and futuristic
automation

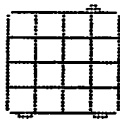
APPROVED BY MAG ISMAH	O. G. FIG.	
	CLASS	SUBCLASS

CASEIH

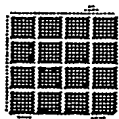
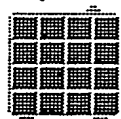
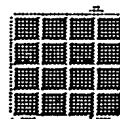
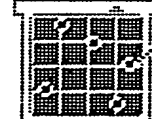
GRID

LEAD
APPLIEDACID
CHARGEDOVEN
DRY

ASSEMBLED

**BONE
DRY
BATTERY****OTHERS**

GRID

LEAD
APPLIEDACID
CHARGEDDRIP/
SPIN DRY

ASSEMBLED

MOISTURE
REMAINS**DRY
BATTERY***** BONE DRY CHARGING**

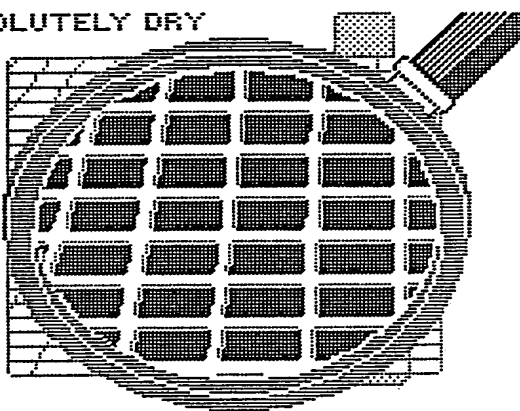
- + CASEIH steam and oven dries the grid plates for their batteries so not one drop of electrolyte is present during shipping and storage
- + All batteries stay factory fresh until electrolyte is added at time of sale

FIG. 72

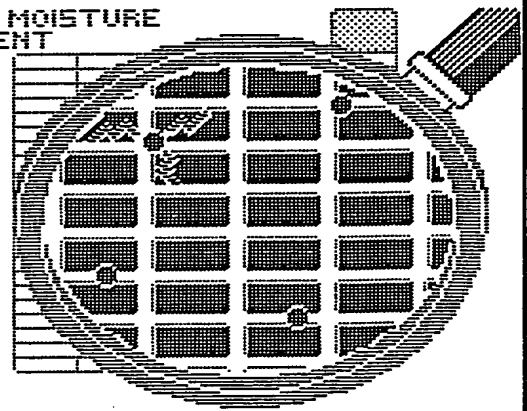
794

FIG. 73

796

ABSOLUTELY DRY*** CASEIH BONE DRY**

- + Batteries remain factory fresh until electrolyte is added for long, useful life

**SOME MOISTURE
PRESENT***** DRY CHARGED**

- Batteries wear down continuously even on the shelf

FIG. 90

8267

**"FLAME ARRESTER"
VENT PLUG**

Allows gas to
escape but
prevents
external flames
or sparks from
entering the
battery

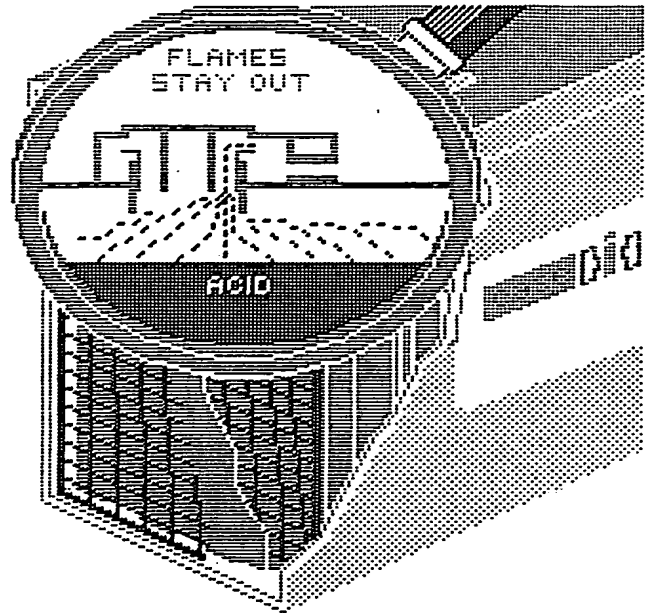
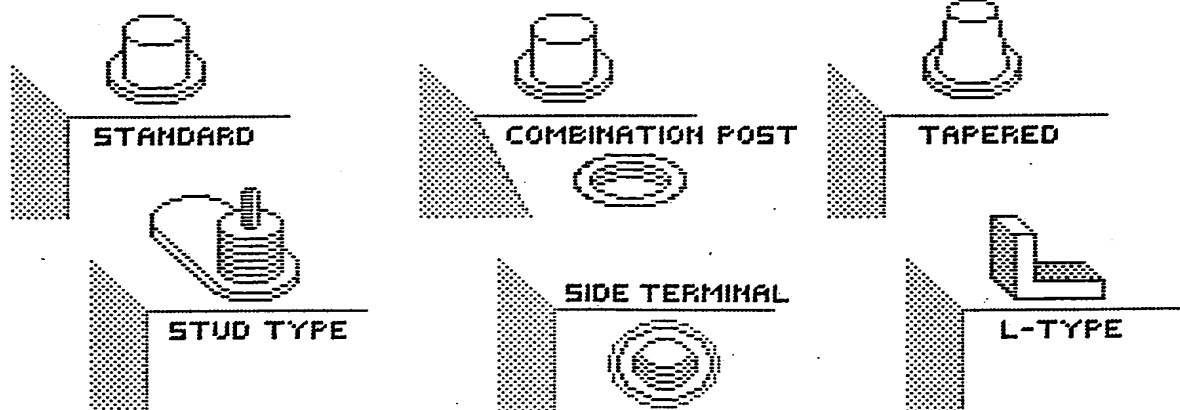


FIG. 91

8287

*** TERMINAL DESIGNS**

+ CASEIH batteries offer a wide variety of terminal designs to meet your every need

O.G. FIG.	SUBCLASS
CLASS	
APPROVED BY	ORAF ISMAN

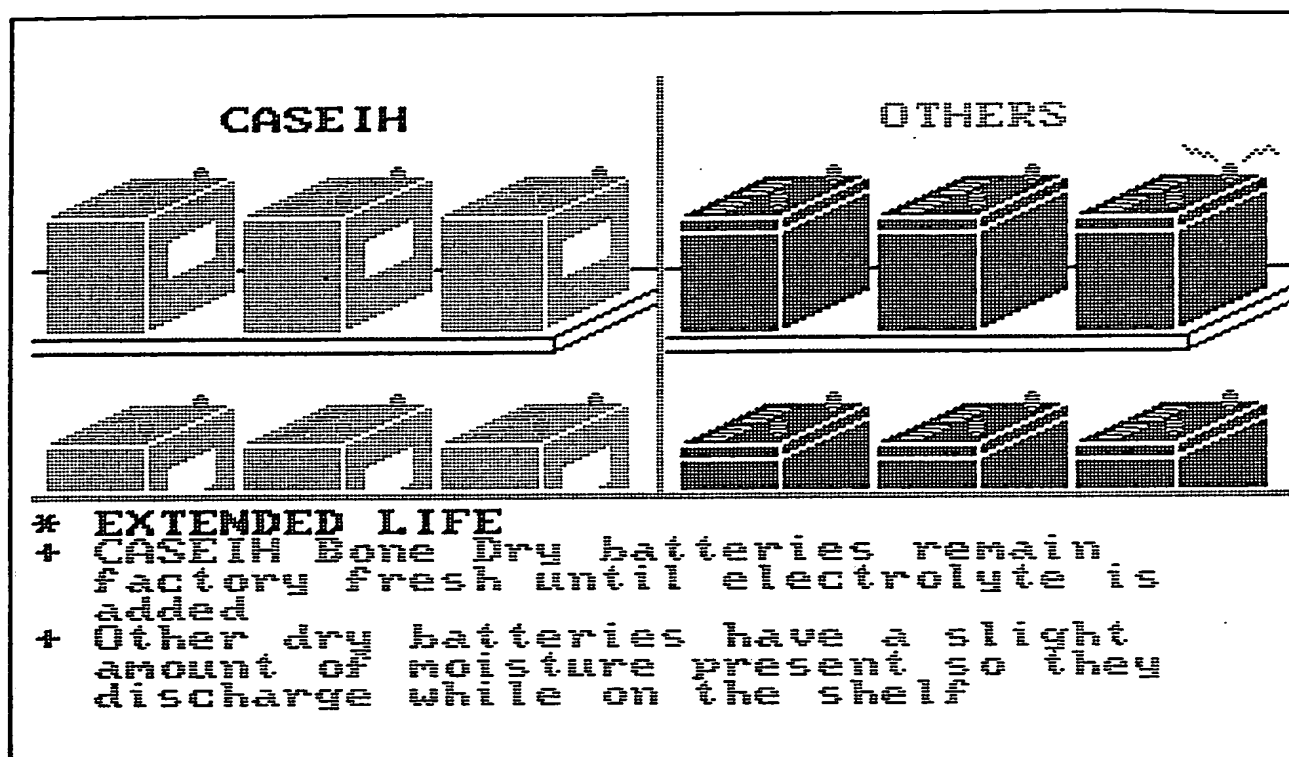


FIG. 74

798

FIG. 75

800

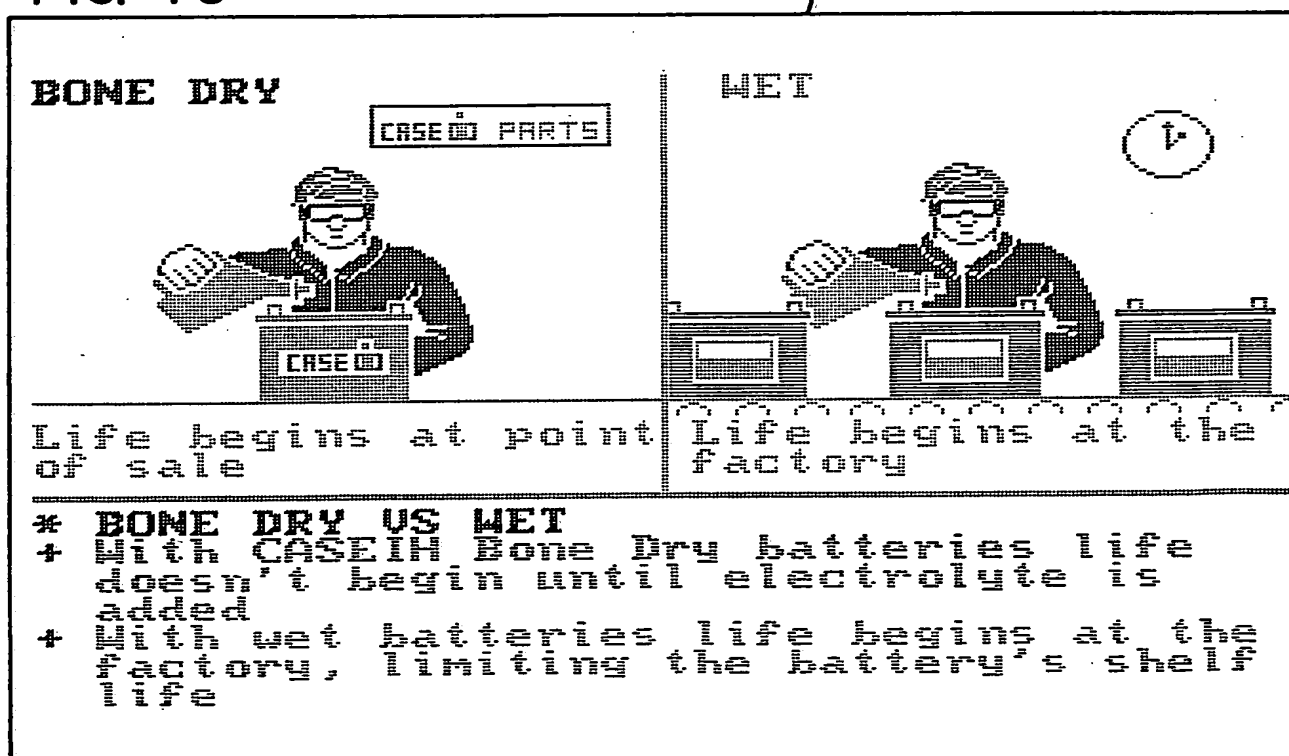


FIG. 76

802

HYBRID BATTERY

- + The term "Hybrid Battery" means the positive grid alloy is a low antimony-lead alloy and the negative grid alloy is a calcium-lead alloy

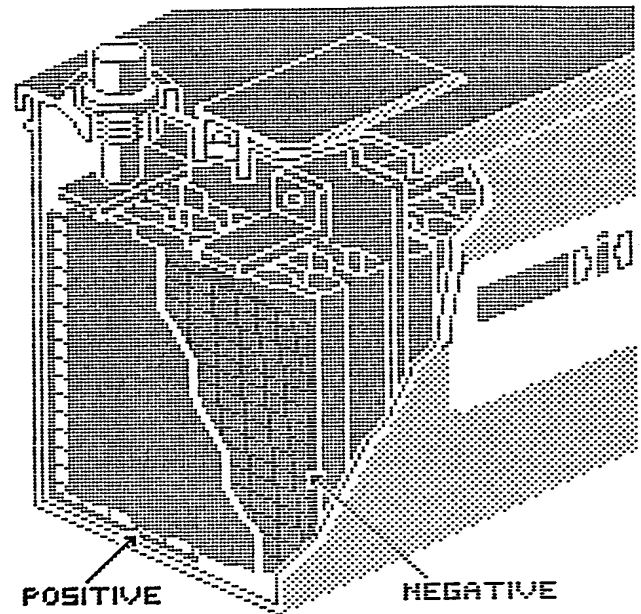
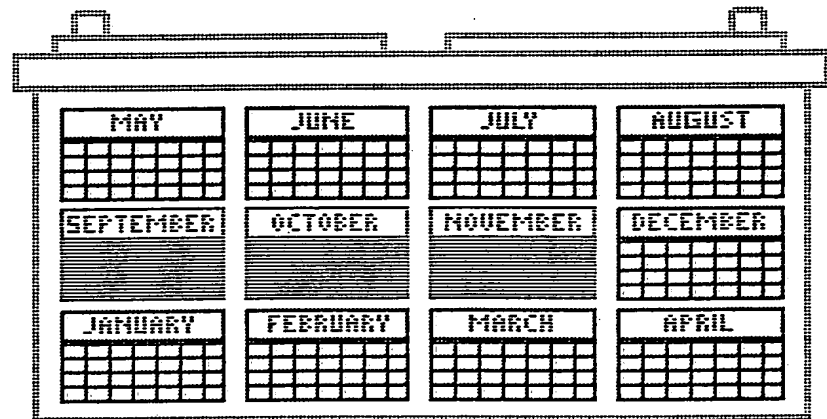


FIG. 77

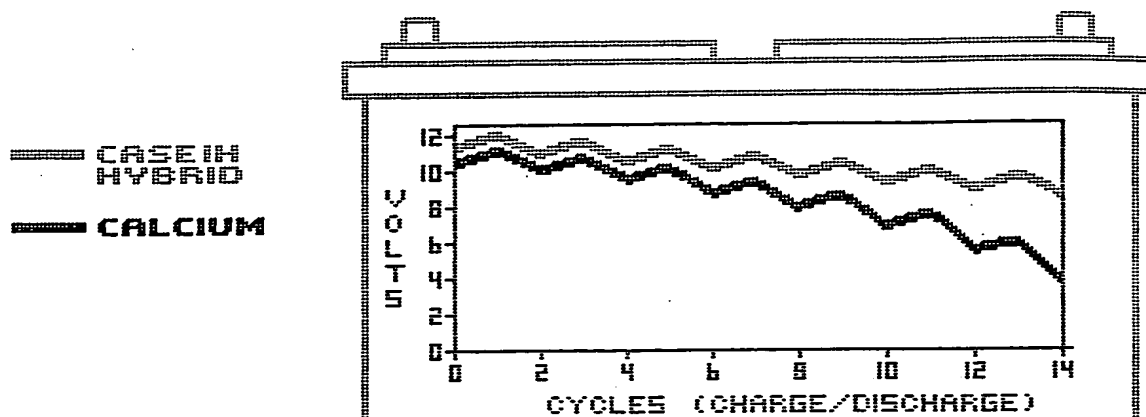
814

■ PERIOD OF ACTIVE APPLICATION

*** INTERMITTENT APPLICATION**

- + CASEIH Hybrid battery is more suitable in starting a vehicle after standing for long periods of inactivity
- + Once the vehicle is started, the hybrid battery will accept charge quickly

APPROVED BY DRAFTSMAN	O. G. FIG.	SUBCLASS
	CLASS	



* CYCLIC CAPACITY

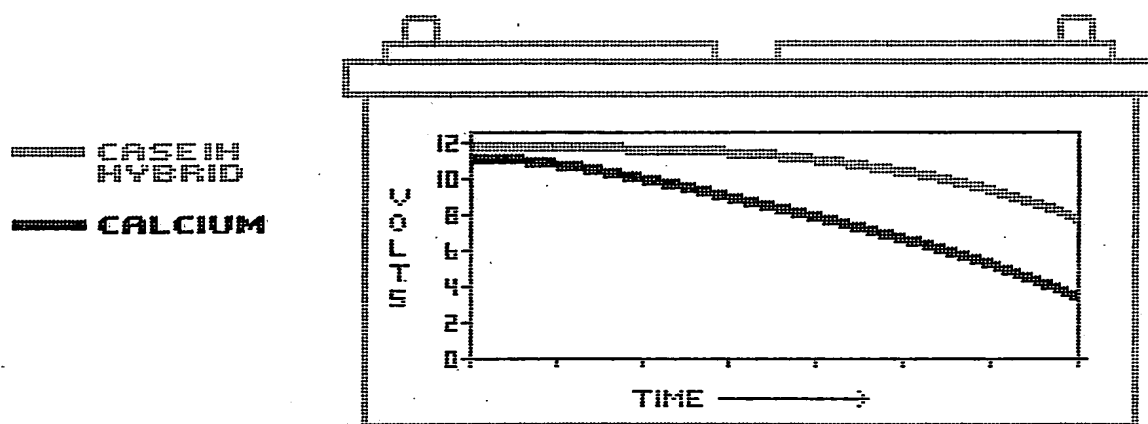
- + SAE cycle-life test data has shown that hybrid batteries out-perform calcium batteries during moderate depth cycling tests by two to one

FIG. 78

812

FIG. 79

810



* CAPACITY RETENTION

- + Capacity retention of calcium batteries fades much faster than that of hybrid batteries
- + Active material utilization in hybrid batteries is superior and recovery after a deep discharge more complete

FIG. 80

808

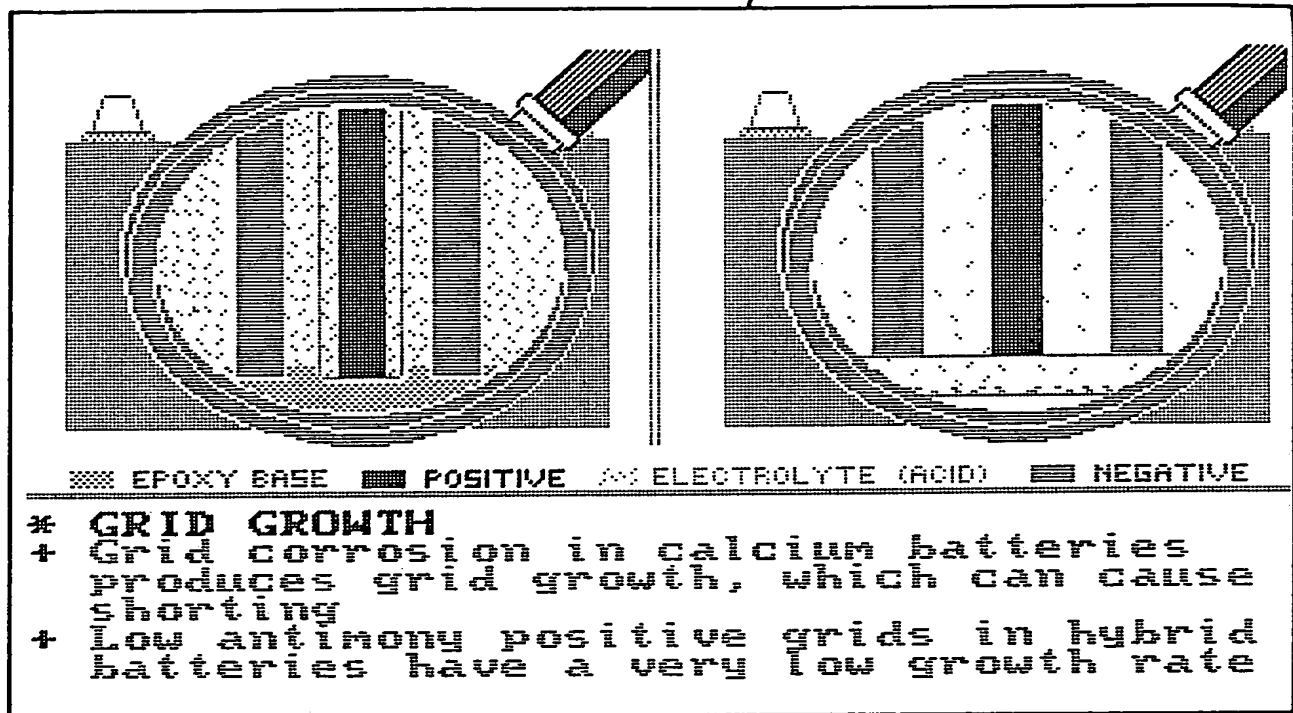


FIG. 81

808

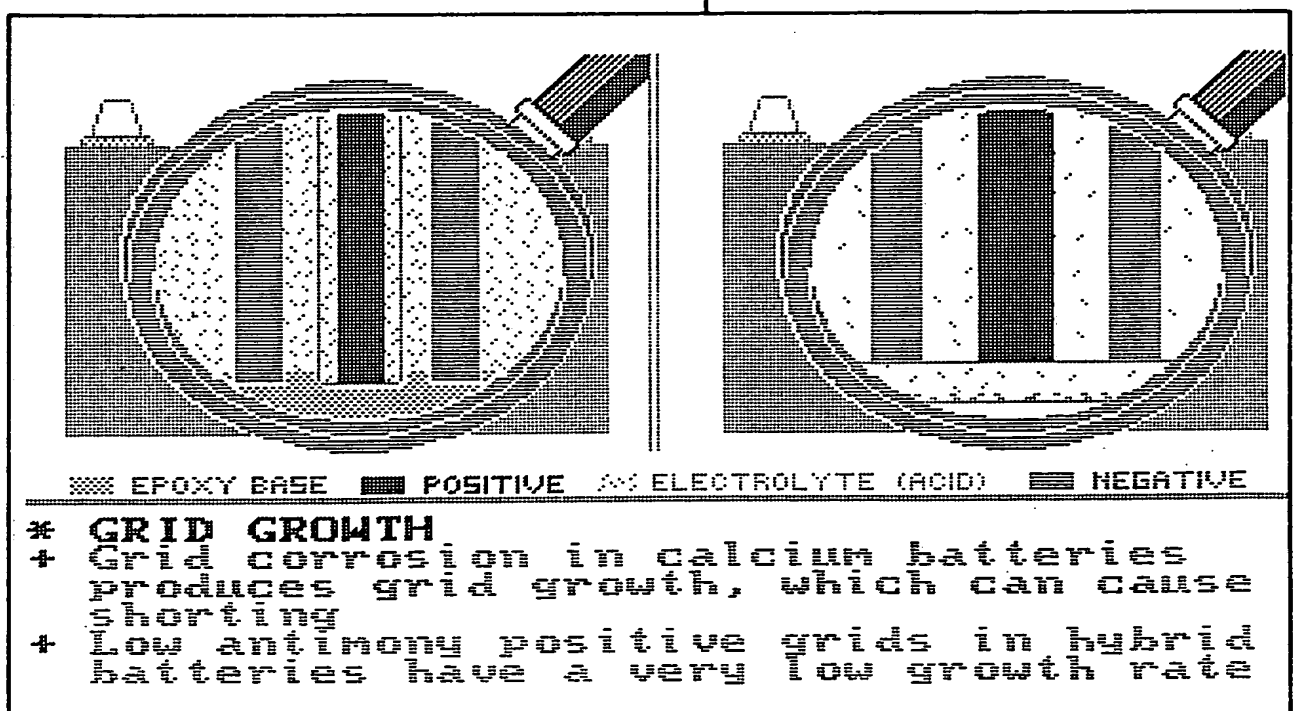


FIG. 82

8087

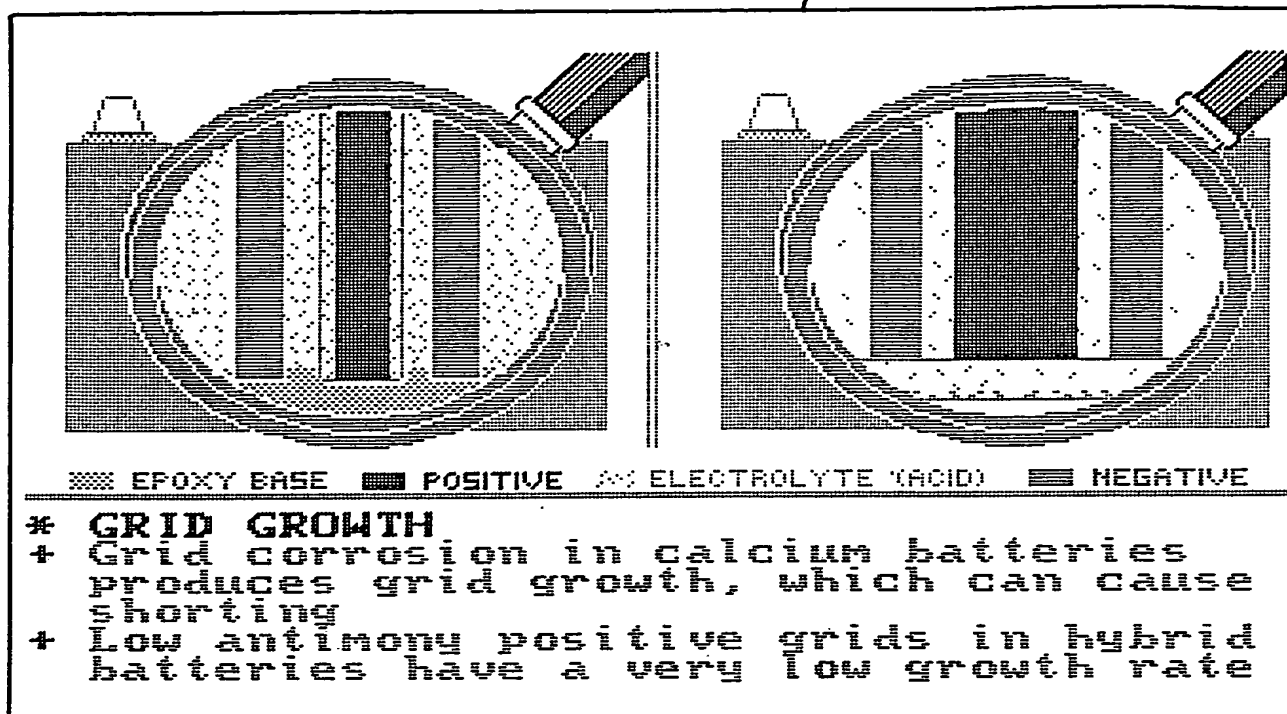


FIG. 83

8087

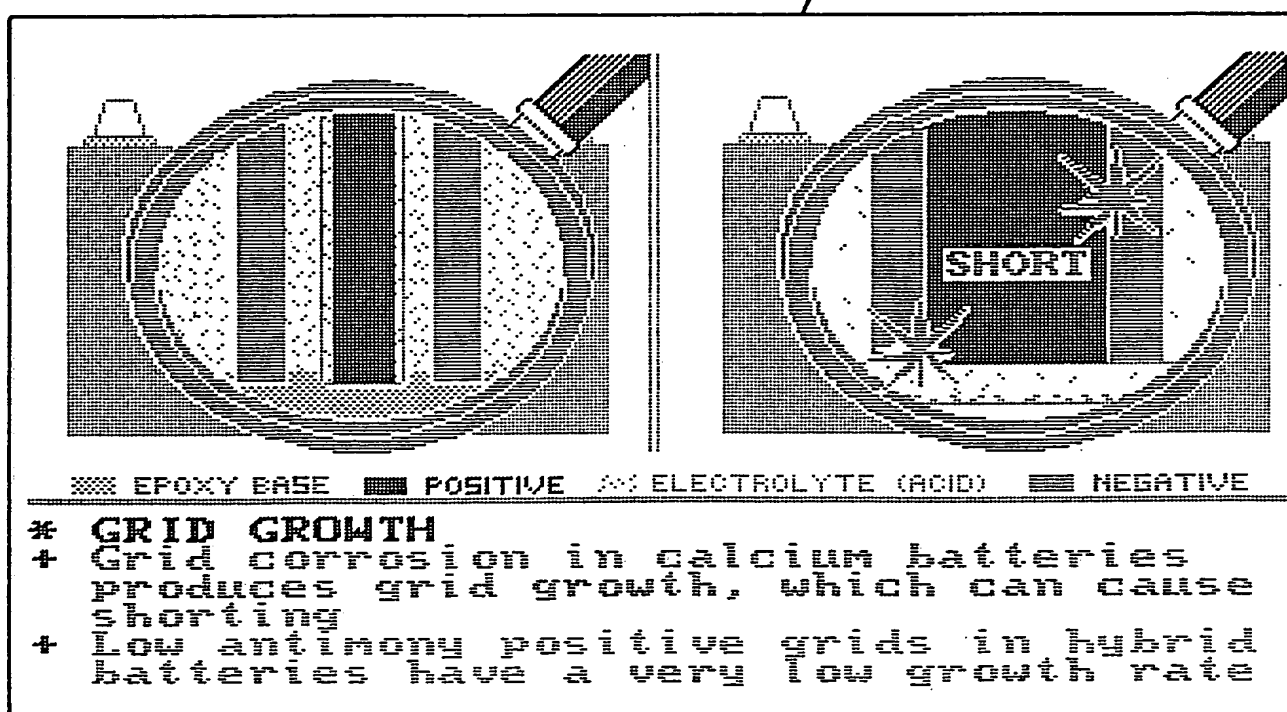


FIG. 84

806

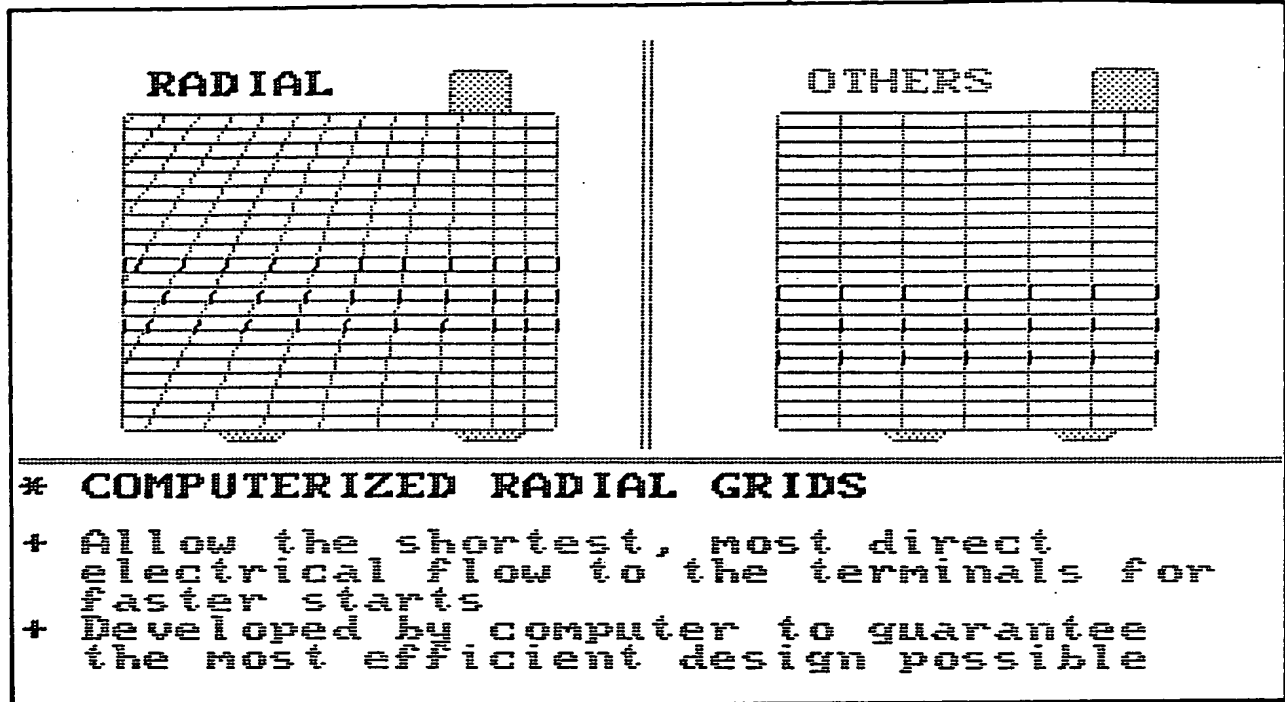
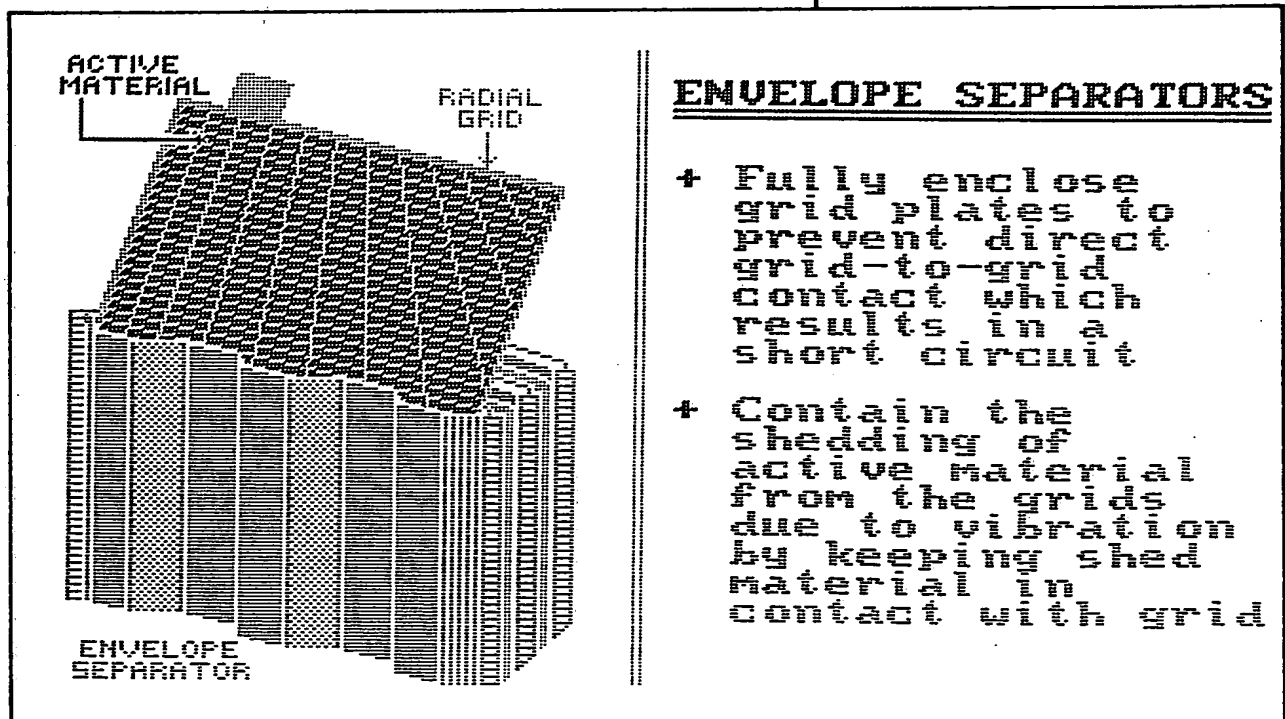


FIG. 85

804



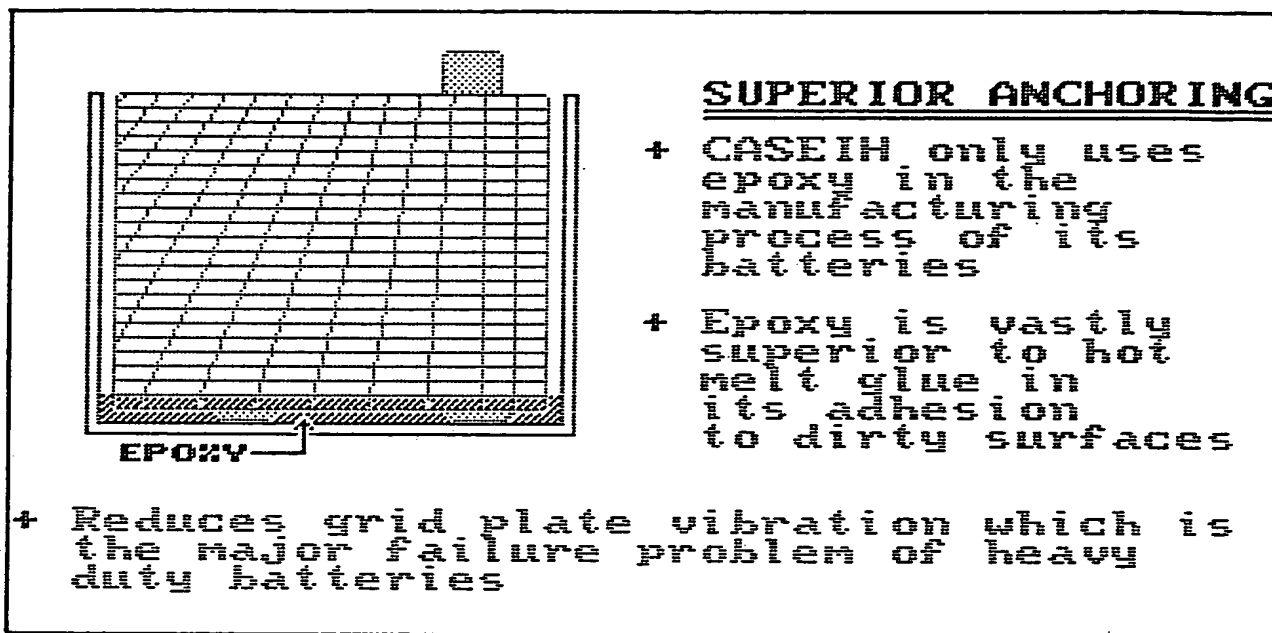


FIG. 86

818

FIG. 87

820

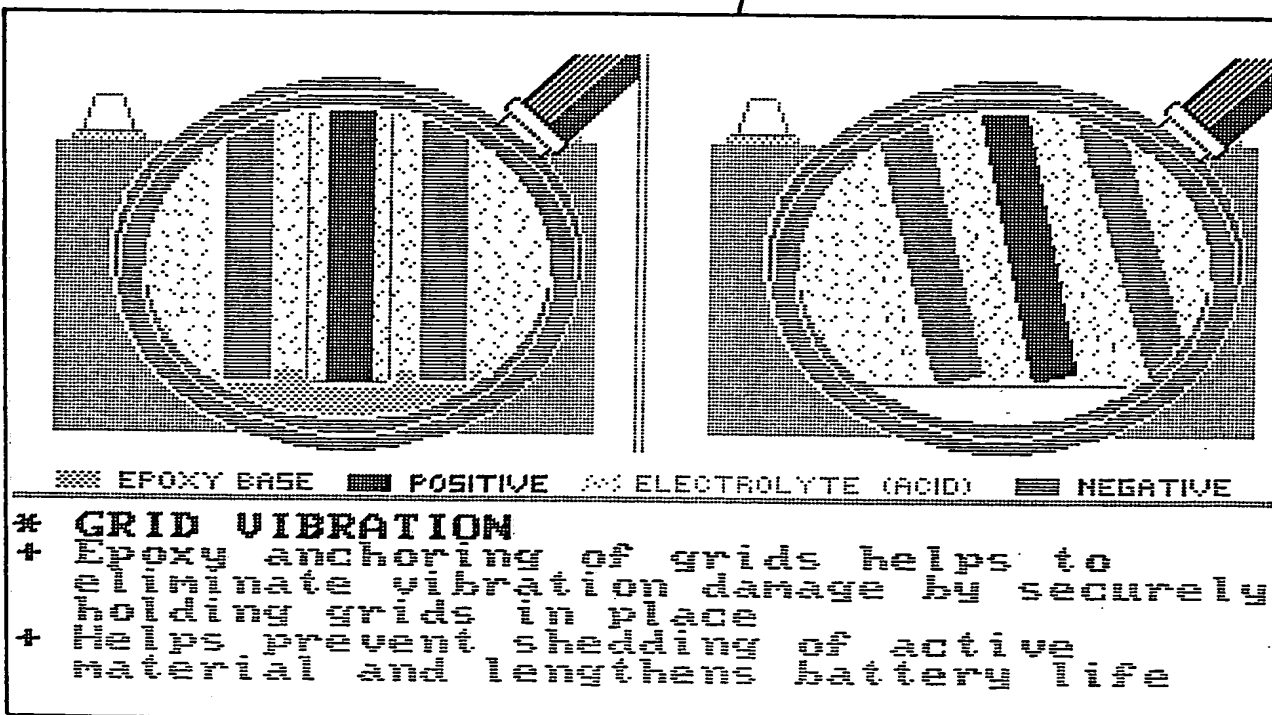


FIG. 88

822

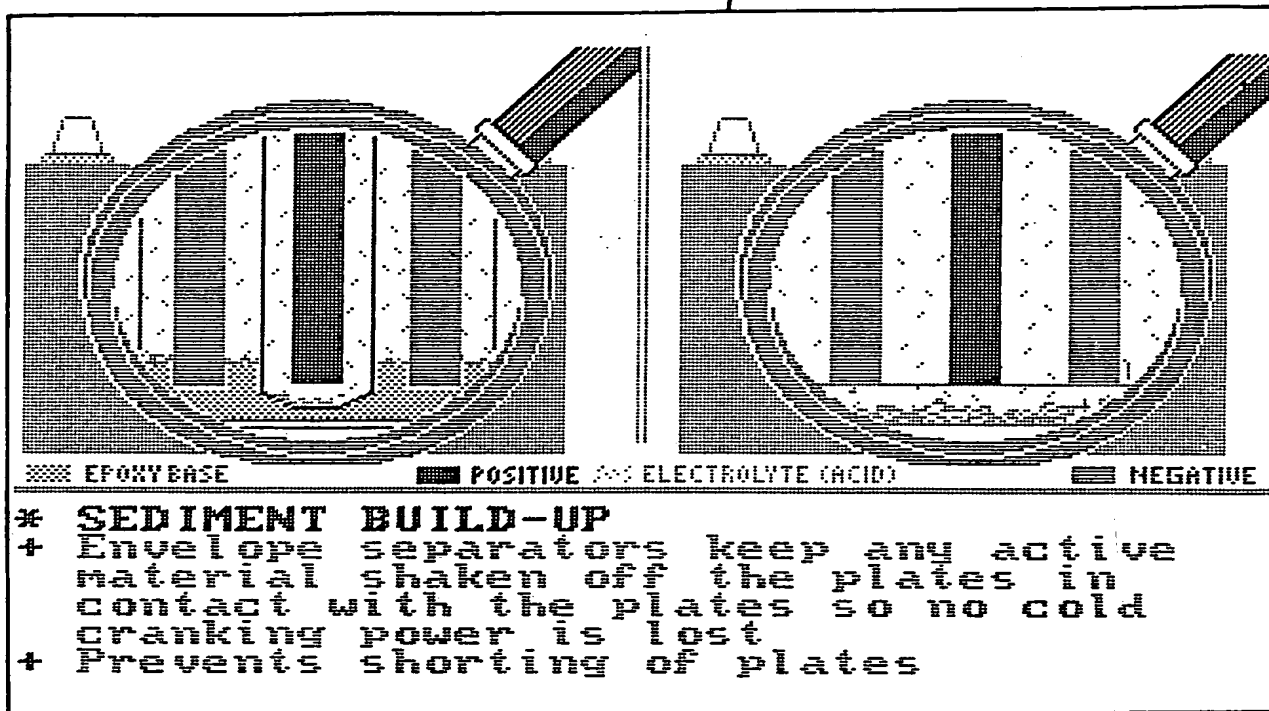


FIG. 89

824

